

**Programiranje za internet  
zimski semestar 2013/2014**

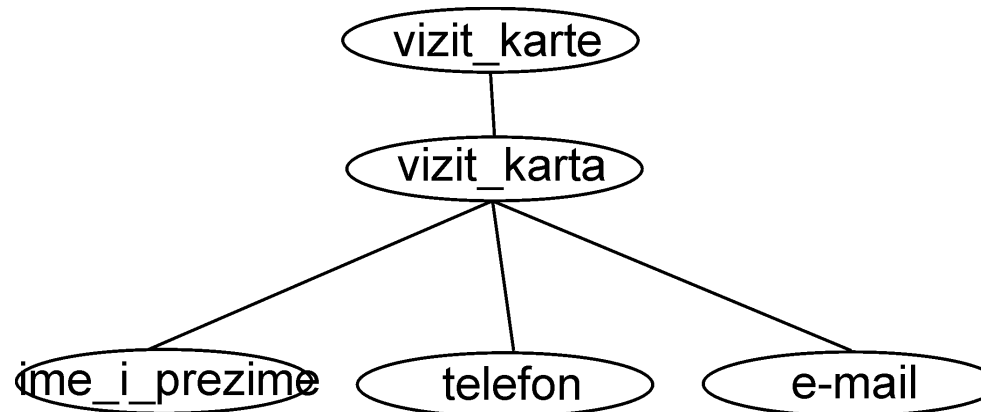
**XML i XSLT  
(26 detaljno urađenih zadataka)**

## U prva tri zadatka dat je isti dokument

### • Dobijeni dokument: **vizit\_karte.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<vizit_karte>
  <vizit_karta>
    <ime_i_prezime>Dzon Fante</ime_i_prezime>
    <telefon tip="posao">+387 62 345 543</telefon>
    <telefon tip="kuca" vrsta="glavni">+387 32 345 543</telefon>
    <telefon tip="faks">+387 70 345 543</telefon>
    <e-mail>dzonze@gmail.com</e-mail>
  </vizit_karta>
  <vizit_karta>
    <ime_i_prezime>Robert Grevs</ime_i_prezime>
    <telefon tip="posao" vrsta="glavni">+387 64 221 324</telefon>
    <telefon tip="kuca">+387 32 221 324</telefon>
    <telefon tip="faks">+387 70 221 324</telefon>
    <e-mail>robertart@gmail.com</e-mail>
  </vizit_karta>
  <vizit_karta>
    <ime_i_prezime>Reinhart Diestel</ime_i_prezime>
    <telefon tip="posao">+387 65 998 667</telefon>
    <telefon tip="kuca" vrsta="glavni">+387 32 998 667</telefon>
    <telefon tip="faks">+387 70 998 667</telefon>
    <e-mail>reinhartpro@gmail.com</e-mail>
  </vizit_karta>
  <vizit_karta>
    <ime_i_prezime>Julia Kristeva</ime_i_prezime>
    <telefon tip="posao">+387 61 765 793</telefon>
    <telefon tip="kuca" vrsta="glavni">+387 32 765 793</telefon>
    <telefon tip="faks">+387 70 765 793</telefon>
    <e-mail>juliamat@gmail.com</e-mail>
  </vizit_karta>
</vizit_karte>
```

Čije je stablo izgleda:



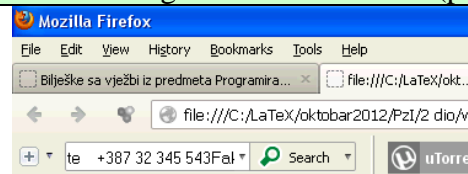
## Zadatak broj 1

### • Dobijeni dokument: **vizit\_karte.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<vizit_karte>
  <vizit_karta>
    <ime_i_prezime>Dzon Fante</ime_i_prezime>
    <telefon_tip="posao">+387 62 345 543</telefon>
    <telefon_tip="kuca" vrsta="glavni">+387 32 345
543</telefon>
    <telefon_tip="faks">+387 70 345 543</telefon>
    <e-mail>dzonze@gmail.com</e-mail>
  </vizit_karta>
  ...

```

### • Traženi izgled u web browseru (prikaz vizit karti)



**Dzon Fante**  
posao: +387 61 555 543  
kuca: +387 32 345 543  
faks: +387 70 345 543

**Robert Grevs**  
posao: +387 62 777 324  
kuca: +387 32 221 324  
faks: +387 70 221 324

**Reinhart Diestel**  
posao: +387 63 888 667  
kuca: +387 32 998 667  
faks: +387 70 998 667

**Julia Kristeva**  
posao: +387 65 111 793  
kuca: +387 32 765 793  
faks: +387 70 765 793

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/css" href="prikaz.css"?>
<vizit_karte>...
```

### • Jedno od mogućih rješenja: **prikaz.css**

```
@charset "utf-8";
/* CSS Document */

vizit_karta
{
    display: block;
    width: 300px;
    border: thick solid #000066;
    float: inherit;
    background: #CCFF33;
    padding: 10px;
    margin: 25px;
}

ime_i_prezime
{
    font-size: 1.3em;
    font-family: Arial, Helvetica, sans-serif;
    font-size: 2em;
    text-align: center;
}

telefon
{
    display: block;
}

e-mail
{
    display: none;
}

telefon: before
{
    content: attr(tip) ": ";
}

vizit_karta: hover
{
    display: block;
    width: 300px;
    border: thick solid #000066;
    float: inherit;
    background: #999900;
    padding: 10px;
    margin: 25px;
}

```

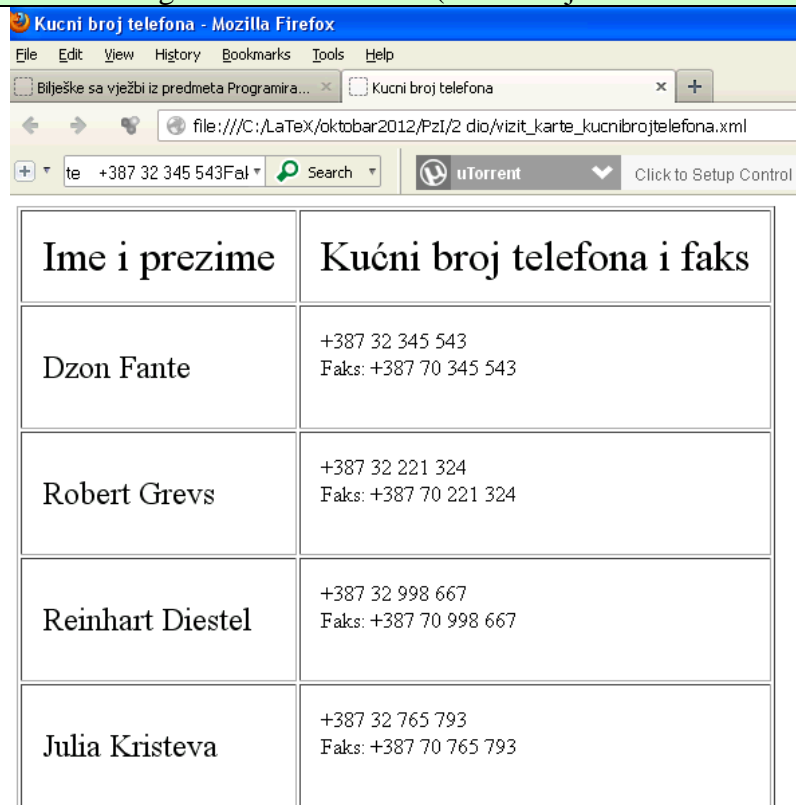
## Zadatak broj 2

### • Dobijeni dokument: **vizit\_karte.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<vizit_karte>
  <vizit_karta>
    <ime_i_prezime>Dzon Fante</ime_i_prezime>
    <telefon_tip="posao">+387 62 345 543</telefon>
    <telefon_tip="kuca" vrsta="glavni">+387 32 345
543</telefon>
    <telefon_tip="faks">+387 70 345 543</telefon>
    <e-mail>dzonze@gmail.com</e-mail>
  </vizit_karta>
  ...

```

### • Traženi izgled u web browseru (kućni brojevi telefona i faks)



The screenshot shows a web browser window titled "Kucni broj telefona - Mozilla Firefox". The address bar shows the file path: file:///C:/LaTeX/oktobar2012/Pz1/2 dio/vizit\_karte\_kucnibrojevelefonoa.xml. The page content is a table with two columns: "Ime i prezime" and "Kućni broj telefona i faks".

Ime i prezime	Kućni broj telefona i faks
Dzon Fante	+387 32 345 543 Faks: +387 70 345 543
Robert Grevs	+387 32 221 324 Faks: +387 70 221 324
Reinhart Diestel	+387 32 998 667 Faks: +387 70 998 667
Julia Kristeva	+387 32 765 793 Faks: +387 70 765 793

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="kucni Broj Tel efona. xsl"?>
<vizit_karte>...
```

### • Jedno od mogućih rješenja: **kucniBrojTelefona.xsl**

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    "&#160;" >
  <!ENTITY copy    "&#169;" >
  ... (ovaj dio je isti kao u sljedećem zadatku)
  <!ENTITY pound   "&#163;" >
  <!ENTITY yen     "&#165;" >
  <!ENTITY euro    "&#8364;" >
]>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>
<xsl:template match="/">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Kucni broj telefona</title>
</head>

<body>

<table border="1" cellpadding="15">
<tr>
<td style="font-size:2em">Ime i prezime</td><td style="font-
size:2em; padding:15px">Kućni broj telefona i faks</td>
</tr>

<xsl:for-each select="vizit_karte/vizit_karta">
  <tr>
    <td style="font-size: 1.5em"><xsl:value-of
select="ime_i_prezime"/></td>
    <td>
      <xsl:for-each select="telefon">
        <xsl:if test="(.[contains(@tip, 'kuca')])">
          <xsl:value-of select="."/><br />
        </xsl:if>
      </xsl:for-each>
      <xsl:for-each select="telefon">
        <xsl:if test="(.[contains(@tip, 'faks')])">
          Faks: <xsl:value-of select="."/><br /><br />
        </xsl:if>
      </xsl:for-each>
    </td>
  </tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```

### Zadatak broj 3

#### • Dobijeni dokument: **vizit\_karte.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<vizit_karte>
  <vizit_karta>
    <ime_i_prezime>Dzon Fante</ime_i_prezime>
    <telefon tip="posao">+387 62 345 543</telefon>
    <telefon tip="kuca" vrsta="glavni">+387 32 345
543</telefon>
    <telefon tip="faks">+387 70 345 543</telefon>
    <e-mail>dzonze@gmail.com</e-mail>
  </vizit_karta>
  ...
```

#### • Traženi izgled u web browseru (svi brojevi telefona iz dokumenta)

**Svi brojevi telefona koji se pojavljuju u dokumentu su**

+387 61 555 543  
+387 32 345 543  
+387 70 345 543  
+387 62 777 324  
+387 32 221 324  
+387 70 221 324  
+387 63 888 667  
+387 32 998 667  
+387 70 998 667  
+387 65 111 793  
+387 32 765 793  
+387 70 765 793

#### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml -stylesheet type="text/xsl" href="sviBrojevi.xsl"?>
<vizit_karte>
  ...
```

#### • Jedno od mogućih rješenja: **sviBrojevi.xsl**

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    "&#160;" >
  <!ENTITY copy    "&#169;" >
  <!ENTITY reg     "&#174;" >
  <!ENTITY trade   "&#8482;" >
  <!ENTITY mdash   "&#8212;" >
  <!ENTITY ldquo   "&#8220;" >
  <!ENTITY rdquo   "&#8221;" >
  <!ENTITY pound   "&#163;" >
  <!ENTITY yen     "&#165;" >
  <!ENTITY euro    "&#8364;" >
]>
<xsl:stylesheet version="1.0"
xml ns: xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>
<xsl:template match="/">

<html xml ns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vježba broj 3 Svi brojevi telefona</title>
</head>

<body>
<h1>Svi brojevi telefona koji se pojavljuju u dokumentu su</h1>

<font size="+2">
<xsl:for-each select="vizit_karte/vizit_karta/telefon">
<xsl:value-of select="."/;><br />
</xsl:for-each>
</font>

</body>
</html>

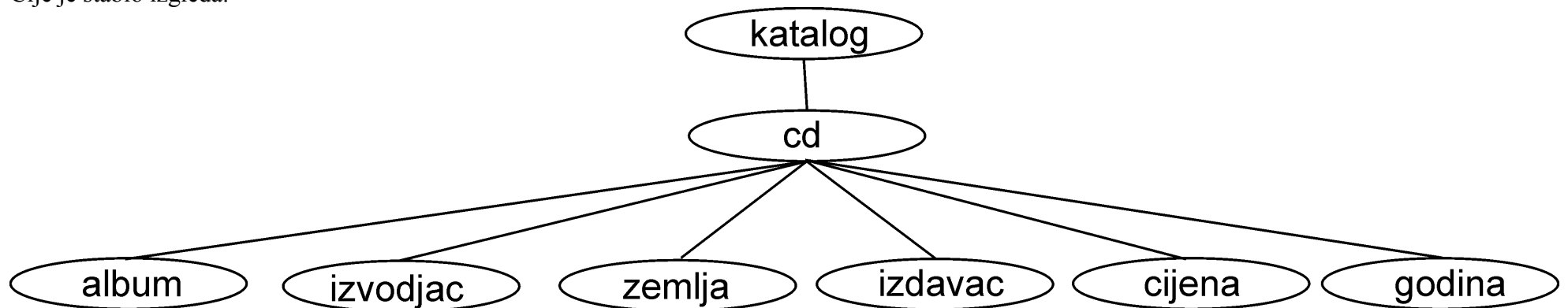
</xsl:template>
</xsl:stylesheet>
```

**U četvrtom, petom i šestom zadatku dat je isti dokument**

Dobijeni dokument: **cdcatalog\_v3.xml**

```
<?xml version="1.0" encoding="ISO-8859-1"?>  
<katalog>  
  <cd>  
    <album>Live And Feelin' Good (The Blues Collection  
Vol. 68)</album>  
    <izvodjac>Piano Red</izvodjac>  
    <zemlja>USA</zemlja>  
    <izdavac>?</izdavac>  
    <cijena>4.99</cijena>  
    <godina>2007</godina>  
  </cd>  
  <cd>  
    <album>The Definitive Collection, Volume II: The Best  
Of Brian (Disc 1)</album>  
    <izvodjac>AC/DC</izvodjac>  
    <zemlja>USA</zemlja>  
    <izdavac>?</izdavac>  
    <cijena>11.99</cijena>  
    <godina>2010</godina>  
  </cd>  
</katalog>
```

Čije je stablo izgleda:



<b>Primjer 4</b>	<b>• Rješenje: stil1.xsl</b>
<b>• Dobijeni dokument: cdcatalog_v3.xml</b> <pre>&lt;?xml version="1.0" encoding="ISO-8859-1"?&gt; &lt;katalog&gt;   &lt;cd&gt;     &lt;album&gt;Live And Feelin' Good (The Blues Collection Vol. 68)&lt;/album&gt;     &lt;i zvodjac&gt;Piano Red&lt;/i zvodjac&gt;     &lt;zemlja&gt;USA&lt;/zemlja&gt;     &lt;i zdavac&gt;?&lt;/i zdavac&gt;     &lt;cijena&gt;4.99&lt;/cijena&gt;     &lt;godina&gt;2007&lt;/godina&gt;   &lt;/cd&gt;   ... &lt;/katalog&gt;</pre>	<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt;&lt;!DOCTYPE xsl:stylesheet [   &lt;!ENTITY nbsp      "&amp;#160;" &gt;   &lt;!ENTITY copy     "&amp;#169;" &gt;   &lt;!ENTITY reg      "&amp;#174;" &gt;   &lt;!ENTITY trade    "&amp;#8482;" &gt;   &lt;!ENTITY mdash   "&amp;#8212;" &gt;   &lt;!ENTITY ldquo   "&amp;#8220;" &gt;   &lt;!ENTITY rdquo   "&amp;#8221;" &gt;   &lt;!ENTITY pound   "&amp;#163;" &gt;   &lt;!ENTITY yen     "&amp;#165;" &gt;   &lt;!ENTITY euro    "&amp;#8364;" &gt; ]&gt; &lt;xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform"&gt; &lt;xsl:output method="html" encoding="utf-8" doctype-public="- //W3C//DTD XHTML 1.0 Transitional//EN" doctype- system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/&gt; &lt;xsl:template match="/"&gt;  &lt;html xmlns="http://www.w3.org/1999/xhtml"&gt; &lt;head&gt; &lt;meta http-equiv="Content-Type" content="text/html; charset=utf- 8"/&gt; &lt;title&gt;Vježba broj 1 - upotreba templatata i CSS&lt;/title&gt; &lt;/head&gt;  &lt;body&gt;  &lt;xsl:apply-templates select="katalog"/&gt;  &lt;/body&gt; &lt;/html&gt;  &lt;/xsl:template&gt;  &lt;xsl:template match="katalog"&gt; &lt;xsl:apply-templates select="cd"/&gt;&lt;br /&gt; &lt;/xsl:template&gt;  &lt;xsl:template match="cd"&gt; &lt;div style="background: #99FFCC; width: 400px; border: thick solid #000000; padding: 10px; margin: 20px; text-align: center"&gt;   &lt;font style="font-size: 2em; color: #FF0000"&gt;&lt;xsl: value-of select="i zvodjac"/&gt;&lt;/font&gt;&lt;br /&gt;   &lt;xsl: value-of select="album"/&gt;&lt;br /&gt;   Godina izdanja: &lt;xsl: value-of select="godina"/&gt;&lt;br /&gt;   &lt;font style="font-size: 1.5em"&gt; Cijena: &lt;xsl: value-of select="cijena"/&gt; KM &lt;/font&gt;&lt;br /&gt; &lt;/div&gt; &lt;/xsl:template&gt;  &lt;/xsl:stylesheet&gt;</pre>
<b>• Traženi izgled u web browseru</b>	
<div data-bbox="147 584 656 746" style="border: 1px solid black; padding: 5px; background-color: #99FFCC; text-align: center;"> <p><b>Piano Red</b></p> <p>Live And Feelin' Good (The Blues Collection Vol.68)</p> <p>Godina izdanja: 2007</p> <p>Cijena: 4.99 KM</p> </div> <div data-bbox="147 772 656 954" style="border: 1px solid black; padding: 5px; background-color: #99FFCC; text-align: center;"> <p><b>AC/DC</b></p> <p>The Definitive Collection, Volume II: The Best Of Brian (Disc 1)</p> <p>Godina izdanja: 2010</p> <p>Cijena: 11.99 KM</p> </div> <div data-bbox="147 986 656 1149" style="border: 1px solid black; padding: 5px; background-color: #99FFCC; text-align: center;"> <p><b>2cellos</b></p> <p>2cellos</p> <p>Godina izdanja: 2011</p> <p>Cijena: 10.99 KM</p> </div> <div data-bbox="147 1174 656 1305" style="border: 1px solid black; padding: 5px; background-color: #99FFCC; text-align: center;"> <p><b>Hello Madness</b></p> <p>Light and life after dusk</p> <p>Godina izdanja: 2009</p> <p>Cijena: 4.99 KM</p> </div>	
<b>• Prepravljeni XML dokument</b>	
<pre>&lt;?xml version="1.0" encoding="ISO-8859-1"?&gt;  &lt;?xml-stylesheet href="stil1.xsl" type="text/xsl"?&gt; ...</pre>	

<b>Primjer 5</b>		<b>• Rješenje: stil2.xml</b>	
<b>• Dobijeni dokument: cdcatalog_v3.xml</b>		<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt;&lt;!DOCTYPE xsl:stylesheet [   &lt;!ENTITY nbsp    "&amp;#160;" &gt;   &lt;!ENTITY copy    "&amp;#169;" &gt;   ...   &lt;!ENTITY yen     "&amp;#165;" &gt;   &lt;!ENTITY euro    "&amp;#8364;" &gt; ]&gt; &lt;xsl:stylesheet version="1.0" xml ns:xsl="http://www.w3.org/1999/XSL/Transform"&gt; &lt;xsl:output method="html" encoding="utf-8" doctype-public="- //W3C//DTD XHTML 1.0 Transitional//EN" doctype- system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/&gt; &lt;xsl:template match="/"&gt;   &lt;html xml ns="http://www.w3.org/1999/xhtml"&gt;   &lt;head&gt;   &lt;meta http-equiv="Content-Type" content="text/html; charset=utf- 8"/&gt;   &lt;title&gt;Tri kolone ili tri div-a??&lt;/title&gt;   &lt;/head&gt;   &lt;body&gt;   &lt;div style="width: 250px; background: #99FFFF; padding: 10px"&gt;   &lt;font size="+3"&gt;Album, Zemlja i Godina izdanja&lt;/font&gt;&lt;br /&gt;&lt;br /&gt;   &lt;xsl:apply-templates select="katalog/cd" /&gt;   &lt;/div&gt;   &lt;div style="width: 250px; background: #99CC66; padding: 10px; position: absolute; top: 10px; left: 310px"&gt;   &lt;font size="+3"&gt;Album, Zemlja i Godina izdanja&lt;/font&gt;&lt;br /&gt;&lt;br /&gt;   &lt;xsl:apply-templates select="katalog/cd" /&gt;   &lt;/div&gt;   &lt;div style="width: 250px; background: #CCCCFF; padding: 10px; position: absolute; top: 10px; left: 610px"&gt;   &lt;font size="+3"&gt;Album, Zemlja i Godina izdanja&lt;/font&gt;&lt;br /&gt;&lt;br /&gt;   &lt;xsl:apply-templates select="katalog/cd" /&gt;   &lt;/div&gt;   &lt;/body&gt;   &lt;/html&gt;   &lt;/xsl:template&gt;   &lt;xsl:template match="cd"&gt;   &lt;xsl:value-of select="album" /&gt;,   &lt;xsl:value-of select="zemlja" /&gt;,   &lt;xsl:value-of select="godina" /&gt;&lt;br /&gt;   &lt;/xsl:template&gt; &lt;/xsl:stylesheet&gt;</pre>	
<pre>&lt;?xml version="1.0" encoding="ISO-8859-1"?&gt; &lt;katalog&gt;   &lt;cd&gt;     &lt;album&gt;Live And Feelin' Good (The Blues Collection Vol. 68)&lt;/album&gt;     &lt;izvodjac&gt;Piano Red&lt;/izvodjac&gt;     &lt;zemlja&gt;USA&lt;/zemlja&gt;     &lt;izdavac&gt;?&lt;/izdavac&gt;     &lt;cijena&gt;4.99&lt;/cijena&gt;     &lt;godina&gt;2007&lt;/godina&gt;   &lt;/cd&gt;   ... &lt;/katalog&gt;</pre>			
<b>• Traženi izgled u web browseru</b>			
<p><b>Album, Zemlja i Godina izdanja</b></p> <p>Live And Feelin' Good (The Blues Collection Vol.68), USA, 2007  The Definitive Collection, Volume II: The Best Of Brian (Disc 1), USA, 2010  2cellos, HR, 2011  Light and life after dusk, USA, 2009  Already Late, USA, 2008  Evermore Darkly, USA, 2006  16mm, FR, 2005  Spark, USA, 2004  Kicking and Screaming (Japan MIZP-60028), USA, 2003  Heavy Metal [Box Set] Disc 2, UK, 2002  Heavy Metal [Box Set] Disc 4, UK, 2001  1984, UK, 2000  godina Of The Spider, UK, 1999  Wolfmother, UK, 2006  Vampire Weekend, UK, 2008  Blink-182, UK, 1998  Slipknot, UK, 1997  Empire Burlesque, USA, 1985</p>	<p><b>Album, Zemlja i Godina izdanja</b></p> <p>Live And Feelin' Good (The Blues Collection Vol.68), USA, 2007  The Definitive Collection, Volume II: The Best Of Brian (Disc 1), USA, 2010  2cellos, HR, 2011  Light and life after dusk, USA, 2009  Already Late, USA, 2008  Evermore Darkly, USA, 2006  16mm, FR, 2005  Spark, USA, 2004  Kicking and Screaming (Japan MIZP-60028), USA, 2003  Heavy Metal [Box Set] Disc 2, UK, 2002  Heavy Metal [Box Set] Disc 4, UK, 2001  1984, UK, 2000  godina Of The Spider, UK, 1999  Wolfmother, UK, 2006  Vampire Weekend, UK, 2008  Blink-182, UK, 1998  Slipknot, UK, 1997  Empire Burlesque, USA, 1985</p>	<p><b>Album, Zemlja i Godina izdanja</b></p> <p>Live And Feelin' Good (The Blues Collection Vol.68), USA, 2007  The Definitive Collection, Volume II: The Best Of Brian (Disc 1), USA, 2010  2cellos, HR, 2011  Light and life after dusk, USA, 2009  Already Late, USA, 2008  Evermore Darkly, USA, 2006  16mm, FR, 2005  Spark, USA, 2004  Kicking and Screaming (Japan MIZP-60028), USA, 2003  Heavy Metal [Box Set] Disc 2, UK, 2002  Heavy Metal [Box Set] Disc 4, UK, 2001  1984, UK, 2000  godina Of The Spider, UK, 1999  Wolfmother, UK, 2006  Vampire Weekend, UK, 2008  Blink-182, UK, 1998  Slipknot, UK, 1997  Empire Burlesque, USA, 1985</p>	
<b>• Prepravljeni XML dokument</b>			
<pre>&lt;?xml version="1.0" encoding="ISO-8859-1"?&gt; &lt;?xml-stylesheet href="stil2.xsl" type="text/xsl"?&gt; &lt;katalog&gt;   &lt;cd&gt;   ...</pre>			



## Primjer 6

### • Dobijeni dokument: cdcatalog\_v3.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<katalog>
  <cd>
    <album>Live And Feelin' Good (The Blues Collection
Vol. 68)</album>
    <i zvodjac>Piano Red</i zvodjac>
    <zemlja>USA</zemlja>
    <i zdavac>?</i zdavac>
    <cijena>4.99</cijena>
    <godina>2007</godina>
  </cd>
  ...
</katalog>
```

### • Traženi izgled u web browseru

## Albumi čija je godina izdanja između 2007-2010

R.b.	Album	Godina izdanja	Cijena
1.	Live And Feelin' Good (The Blues Collection Vol.68)	2007	4.99 KM
2.	The Definitive Collection, Volume II: The Best Of Brian (Disc 1)	2010	11.99 KM
3.	Light and life after dusk	2009	4.99 KM
4.	Already Late	2008	8.90 KM
5.	Vampire Weekend	2008	9.69 KM

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<?xml-stylesheet href="stil3.xsl" type="text/xsl"?>
...
```

### • Rješenje: stil3.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    "&#160;">
  <!ENTITY copy    "&#169;">
  <!ENTITY reg     "&#174;">
  <!ENTITY trade   "&#8482;">
  <!ENTITY mdash   "&#8212;">
```

```
<!ENTITY ldquo   "&#8220;">
<!ENTITY rdquo   "&#8221;">
<!ENTITY pound   "&#163;">
<!ENTITY yen     "&#165;">
<!ENTITY euro    "&#8364;">
]>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>
<xsl:template match="/">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vježba broj 3 - tabela</title>
</head>

<body>

<h1>Albumi čija je godina izdanja između 2007-2010</h1>

<table width="700" border="1">
  <tr style="font-size: 2em">
    <td>R. b. </td>
    <td style="background: #CCFF33">Album</td>
    <td style="text-align: center;">Godina izdanja</td>
    <td style="text-align: center;">Cijena</td>
  </tr>

  <xsl:for-each select="katalog/cd[ godina>2006 and 2011 > godina]">
    <tr style="font-size: 1.4em">
      <td><xsl:value-of select="position()" />. </td>
      <td style="background: #CCFF33"><xsl:value-of
select="album" /></td>
      <td style="text-align: center; width: 100px"><xsl:value-of
select="godina" /></td>
      <td style="text-align: center; width: 100px"><xsl:value-of
select="cijena" /> KM</td>
    </tr>
  </xsl:for-each>
</table>

</body>
</html>

</xsl:template>
</xsl:stylesheet>
```

## U sljedećih dvanaest zadataka dat je isti dokument

• Dobijeni dokument: utakmice2012.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <ti movi >
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punome>FCM Targu Mures</punome>
      </domacini >
      <gosti id="brasfc_rom">
        <ime>Brasov</ime>
        <punome>FC Brasov</punome>
      </gosti >
    </ti movi >
    <rezultat>0 - 1</rezultat>
    <detalji >
      <sadrzaj >
        <takmicenje id="rom_l1">
          <naslov>Romani a - Li ga 1</naslov>
        </takmicenje>
        <sezona>2010/2011</sezona>
      </sadrzaj >
      <oprema-info>1</oprema-info>
    </detalji >
    <dogadaj i >
      <dogadaj type="yellow_card" team="domacini ">
        <i grac>0nicas</i grac>
        <minuta>22</minuta>
      </dogadaj >
      <dogadaj type="yellow_card" team="domacini ">
        <i grac>Vancea</i grac>
        <minuta>27</minuta>
      </dogadaj >
      <dogadaj type="yellow_card" team="gosti ">
        <i grac>Hadnagy</i grac>
        <minuta>29</minuta>
      </dogadaj >
      <dogadaj type="yellow_card" team="gosti ">
        <i grac>Voicu</i grac>
        <minuta>34</minuta>
```

```
</dogadaj >
<dogadaj type="yellow_card" team="domacini ">
  <i grac>Stere</i grac>
  <minuta>46</minuta>
</dogadaj >
<dogadaj type="yellow_card" team="gosti ">
  <i grac>Chipcuiu</i grac>
  <minuta>52</minuta>
</dogadaj >
<dogadaj type="yellow_card" team="domacini ">
  <i grac>Balau</i grac>
  <minuta>60</minuta>
</dogadaj >
<dogadaj type="yellow_card" team="domacini ">
  <i grac>Stanga</i grac>
  <minuta>65</minuta>
</dogadaj >
<dogadaj type="goal" team="gosti ">
  <i grac>Badea</i grac>
  <rezultat>0 - 1</rezultat>
  <minuta>68</minuta>
</dogadaj >
<dogadaj type="red_card" team="gosti ">
  <i grac>Majernik</i grac>
  <minuta>76</minuta>
</dogadaj >
</dogadaj i >
</predmet >
<predmet sadrzaj="swe_fd" status="active" timestamp-
starts="1280163600">
  <ti movi >
    <domacini id="hf_swe">
      <ime>Hel si ngborg</ime>
      <punome>Hel si ngborgs IF</punome>
    </domacini >
    <gosti id="bkh_swe">
      <ime>Hacken</ime>
      <punome>BK Hacken</punome>
    </gosti >
  </ti movi >
  <rezultat>0 - 1</rezultat>
  <trenutno-stanje >
    <poluvrijeme>fi rst_hal f</poluvrijeme>
    <minuta>23</minuta>
  </trenutno-stanje >
  <detalji >
```

```

<sadrzaj >
  <takmi cenje id="swe_fd">
    <naslov>Sweden - First Division</naslov>
  </takmi cenje>
  <sezona>2010</sezona>
</sadrzaj >
<oprema-info>16</oprema-info>
</detalji >
<dogadjaji >
  <dogadjaj type="goal" team="gosti">
    <igrac>Ostberg</igrac>

    <rezultat>0 - 1</rezultat>
    <minuta>12</minuta>
  </dogadjaj >
</dogadjaji >

  <dogadjaji >
    <dogadjaj type="yellow_card" team="domacini">

```

```

    <igrac>Selman</igrac>
    <minuta>3</minuta>
  </dogadjaj >

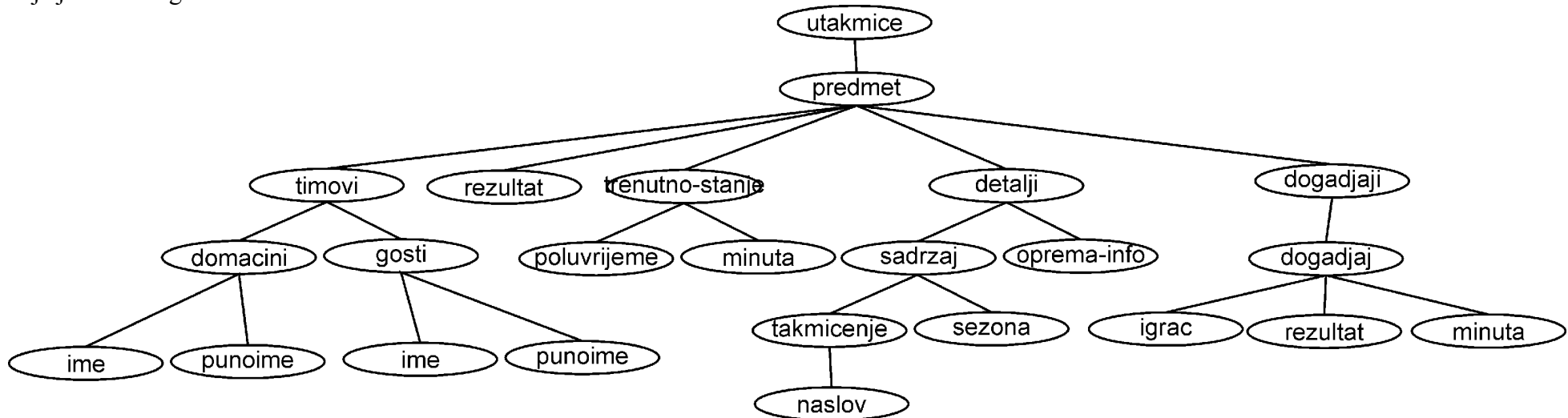
  <dogadjaj type="yellow_card" team="gosti">
    <igrac>Robert</igrac>
    <minuta>6</minuta>
  </dogadjaj >
</dogadjaji >
</predmet >

```

...

</utakmice >

Čije je stablo izgleda:



## Zadatak broj 7

### • Dobijeni dokument: utakmice2012.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punoi me>FCM Targu Mures</punoi me>
      </domacini>
      <gosti id="brasfc_rom">
        <ime>Brasov</ime>
        <punoi me>FC Brasov</punoi me>
      </gosti>
    </timovi>
  </predmet>
</utakmice>
...
```

### • Traženi izgled u web browseru (rezultati utakmica, redni broj utakmice, veći font, obojene ćelije)



## Rezultati utakmica

R.b.	Domacini	Gosti	Rezultat
1.	FCM Targu Mures	FC Brasov	0 - 1
2.	Helsingborgs IF	BK Hacken	0 - 1
3.	Odense BK	Randers FC	0 - 0
4.	Orebro SK	IF Elfsborg	0 - 0
5.	FC Victoria Branesti	AS Gaz Metan Medias	0 - 0

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="stil1_zat utakmice. xsl"?>
```

```
<utakmice total-count="5" first="1" last="5">...
```

### • Jedno od mogućih rješenja: stil1\_zat utakmice. xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    "&#160;" >
  <!ENTITY copy    "&#169;" >
  <!ENTITY reg     "&#174;" >
  <!ENTITY trade   "&#8482;" >
  <!ENTITY mdash   "&#8212;" >
  <!ENTITY ldquo   "&#8220;" >
  <!ENTITY rdquo   "&#8221;" >
  <!ENTITY pound   "&#163;" >
  <!ENTITY yen     "&#165;" >
  <!ENTITY euro    "&#8364;" >
]>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>

<xsl:template match="/">
<html xmlns="http://www.w3.org/1999/xhtml">

<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vjezba broj 1</title>
</head>

<body>
<h1>Rezultati utakmica</h1>

<table width="600px" border="2">
<tr><th>R. b. </th><th>Domacini </th><th>Gosti </th><th>Rezultat</th></
tr>

<xsl:for-each select="utakmice/predmet">
  <tr>
    <td><font size="+3"><xsl:val ue-of
select="position()" />. </font></td>
    <td><xsl:val ue-of select="timovi/domacini/punoi me" /></td>
    <td><xsl:val ue-of select="timovi/gosti/punoi me" /></td>
    <td><xsl:val ue-of select="rezultat" /></td>
  </tr>
</xsl:for-each>

</table>

</body>
</html>

</xsl:template>

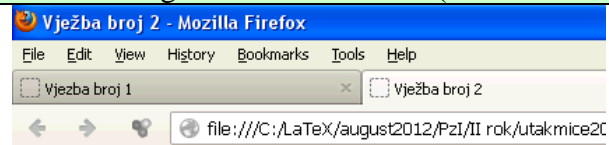
</xsl:stylesheet>
```

## Zadatak broj 8

### • Dobijeni dokument: utakmice2012.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        ...
```

### • Traženi izgled u web browseru (žuti kartoni svih igrača iz svih utakmica)



## Žuti kartoni svih igrača

Igrač **Onicas** je dobio žuti karton u **22** minuti.  
Igrač **Vancea** je dobio žuti karton u **27** minuti.  
Igrač **Hadnagy** je dobio žuti karton u **29** minuti.  
Igrač **Voicu** je dobio žuti karton u **34** minuti.  
Igrač **Stere** je dobio žuti karton u **46** minuti.  
Igrač **Chipciu** je dobio žuti karton u **52** minuti.  
Igrač **Balau** je dobio žuti karton u **60** minuti.  
Igrač **Stanga** je dobio žuti karton u **65** minuti.

Igrač **Sellman** je dobio žuti karton u **3** minuti.  
Igrač **Robert** je dobio žuti karton u **6** minuti.

Igrač **Simmons** je dobio žuti karton u **0** minuti.  
Igrač **Hajnlajn** je dobio žuti karton u **21** minuti.

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<?xml-stylesheet type="text/xsl" href="stil2_zatutakmice.xsl"?>
<utakmice total-count="5" first="1" last="5">...
```

### • Jedno od mogućih rješenja: stil2\_zatutakmice.xsl

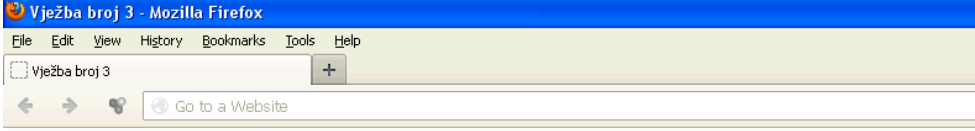
... Početak je isti kao u prethodnom zadatku ...

```
<xsl:template match="/">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vježba broj 2</title>
</head>

<body>
<h1>Žuti kartoni domacih igraca</h1>
<table width="600" border="2">
<xsl:for-each select="utakmice/predmet">
<tr><td bgcolor="#CCFFFF"><font size="+3">Utakmica</font></td><td>
<xsl:value-of select="timovi/domacini/punome"/>
-
<xsl:value-of select="timovi/gosti/punome"/><br />
</td></tr>
<tr><td>Kartoni</td><td>
Domaci igrači:<br />
<xsl:for-each select="dogadaj/dogadaj">
<xsl:if test="(. [contains(@type, 'yellow_card') and
contains(@team, 'domacini') ]
)">
Igrač <b>
<xsl:value-of select="igrac"/>
</b> je dobio žuti karton u
<b>
<xsl:value-of select="minuta"/>
</b> minuti.<br />
</xsl:if>

</xsl:for-each>
</td></tr>
<tr><td>&nbsp;</td><td>&nbsp;</td></tr>
</xsl:for-each>

</table>
<tr>
<td></td>
<td></td>
<td><xsl:value-of select="rezultat"/></td>
</tr>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
</xsl:template>
</xsl:stylesheet>
```

<b>Zadatak broj 9</b>	<ul style="list-style-type: none"> <li>• Jedno od mogućih rješenja: <b>stil3_zalutakmi ce. xsl</b></li> </ul>
<ul style="list-style-type: none"> <li>• Dobijeni dokument: <b>utakmice2012.xml</b></li> </ul>	... Početak je isti kao u prethodnom zadatku ...
<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt; &lt;utakmi ce total-count="5" first="1" last="5"&gt;   &lt;predmet sadrzaj="rom_l1" status="finished" timestamp- starts="1280156400"&gt;     &lt;timovi&gt;       &lt;domacini id="tarmfcm_rom"&gt; ... </pre>	<pre>&lt;xsl:stylesheet version="1.0" xml ns:xsl="http://www.w3.org/1999/XSL/Transform"&gt; &lt;xsl:output method="html" encoding="utf-8" doctype-public="- //W3C//DTD XHTML 1.0 Transitional//EN" doctype- system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/&gt;  &lt;xsl:template match="/"&gt;  &lt;html xml ns="http://www.w3.org/1999/xhtml"&gt; &lt;head&gt; &lt;meta http-equiv="Content-Type" content="text/html; charset=utf- 8"/&gt; &lt;title&gt;Vježba broj 3&lt;/title&gt; &lt;/head&gt;  &lt;body&gt; &lt;h1&gt;Neke zanimljive informacije:&lt;/h1&gt;&lt;br /&gt;  U datom dokumentu utakmice su iz sljedećih liga:&lt;br /&gt; &lt;xsl:for-each select="utakmi ce/predmet/detalji/sadrzaj/takmi cenje"&gt; &lt;xsl:val ue-of sel ect="naslov"/&gt;, &amp;nbsp; &amp;nbsp; &amp;nbsp; &amp;nbsp; &amp;nbsp; &amp;nbsp; &amp;nbsp; &amp;nbsp; &amp;nbsp; &amp;nbsp; &lt;/xsl:for-each&gt; &lt;br /&gt;&lt;br /&gt; &lt;br /&gt;  U datom dokumentu pojavljuju se sljedeći timovi: &lt;xsl:for-each select="utakmi ce/predmet/timovi"&gt;&lt;br /&gt; &lt;xsl:val ue-of select="domacini/ime"/&gt; čije je puno ime &lt;font size="+2"&gt;&lt;xsl:val ue-of select="domacini /punoi me"/&gt;&lt;/font&gt;&lt;br /&gt; &lt;xsl:val ue-of select="gosti/ime"/&gt; čije je puno ime &lt;font size="+2"&gt;&lt;xsl:val ue-of select="gosti/punoi me"/&gt;&lt;/font&gt; &lt;/xsl:for-each&gt;  &lt;br /&gt;&lt;br /&gt;  Ukupno ima &lt;xsl:for-each select="utakmi ce/predmet/detalji/sadrzaj/takmi cenje"&gt; &lt;xsl:if test="positi on()=1"&gt;   &lt;font size="+3"&gt;&lt;xsl:val ue-of select="last()"/&gt;&lt;/font&gt; &lt;/xsl:if&gt; &lt;/xsl:for-each&gt; utakmi ca.  &lt;/body&gt; &lt;/html&gt;  &lt;/xsl:templ ate&gt; &lt;/xsl:styl esheet&gt; </pre>
<ul style="list-style-type: none"> <li>• Traženi izgled u web browseru (imena liga, timovi i njihovi puni nazivi, broj utakmica u dokumentu)</li> </ul>	
 <p><b>Neke zanimljive informacije:</b></p> <p>U datom dokumentu utakmice su iz sljedećih liga:  Romania - Liga 1, Sweden - First Division, Denmark - Super League, Sweden - First Division, Romania - Liga 1,</p> <p>U datom dokumentu pojavljuju se sljedeći timovi:  Targu čije je puno ime FCM Targu Mures  Brasov čije je puno ime FC Brasov  Helsingborg čije je puno ime Helsingborgs IF  Hacken čije je puno ime BK Hacken  Odense čije je puno ime Odense BK  Randers čije je puno ime Randers FC  Orebro čije je puno ime Orebro SK  Elfsborg čije je puno ime IF Elfsborg  Victoria čije je puno ime FC Victoria Branesti  Gaz Metan čije je puno ime AS Gaz Metan Medias</p> <p>Ukupno ima <b>5</b> utakmica.</p>	
<ul style="list-style-type: none"> <li>• Prepravljeni XML dokument</li> </ul>	
<pre>&lt;?xml versi on="1.0" encodi ng="utf-8"?&gt; &lt;?xml -styl esheet type="text/xsl" href="stil3_zalutakmi ce. xsl"?&gt; &lt;utakmi ce total-count="5" first="1" last="5"&gt;...</pre>	

## Zadatak broj 10

### • Dobijeni dokument: utakmice2012.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punoi me>FCM Targu Mures</punoi me>
      </domacini>
      <gosti id="brasfc_rom">
        <ime>Brasov</ime>
        <punoi me>FC Brasov</punoi me>
      </gosti>
    </timovi>
  </predmet>
</utakmice>
...

```

### • Traženi izgled u web browseru (rezultati utakmica i redni brojevi)

Vježba broj 1 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Vježba broj 1 x Vježba broj 2 x Vježba broj 3

file:///C:/LaTeX/august2012/PzI/utakmice2012\_saStilom1.xml

## Rezultati utakmica

R.b.	Domacini	Gosti	Rezultat
1.	FCM Targu Mures	FC Brasov	0 - 1
2.	Helsingborgs IF	BK Hacken	0 - 1
3.	Odense BK	Randers FC	0 - 0
4.	Orebro SK	IF Elfsborg	0 - 0
5.	FC Victoria Branesti	AS Gaz Metan Medias	0 - 0

### • Prepravljani XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="stil1_zat utakmice. xsl"?>
<utakmice total-count="5" first="1" last="5">

```

### • Jedno od mogućih rješenja: stil1\_zat utakmice.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    "&#160;" >
  <!ENTITY copy    "&#169;" >
  <!ENTITY reg     "&#174;" >
  <!ENTITY trade   "&#8482;" >
  <!ENTITY mdash   "&#8212;" >
  <!ENTITY ldquo   "&#8220;" >
  <!ENTITY rdquo   "&#8221;" >
  <!ENTITY pound   "&#163;" >
  <!ENTITY yen     "&#165;" >
  <!ENTITY euro    "&#8364;" >
]>
<xsl:stylesheet version="1.0"
xml ns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>

<xsl:template match="/">
<html xml ns="http://www.w3.org/1999/xhtml">

<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vježba broj 1</title>
</head>

<body>
<h1>Rezultati utakmica</h1>

<table width="600px" border="2">
<tr><th>R. b. </th><th>Domacini </th><th>Gosti </th><th>Rezultat</th></
tr>

<xsl:for-each select="utakmice/predmet">
  <tr>
    <td><font size="+3"><xsl: value-of
select="position()"/>. </font></td>
    <td><xsl: value-of select="timovi/domacini/punoi me"/></td>
    <td><xsl: value-of select="timovi/gosti/punoi me"/></td>
    <td><xsl: value-of select="rezultat"/></td>
  </tr>
</xsl:for-each>

</table>
</body>
</html>

</xsl:template>

</xsl:stylesheet>

```



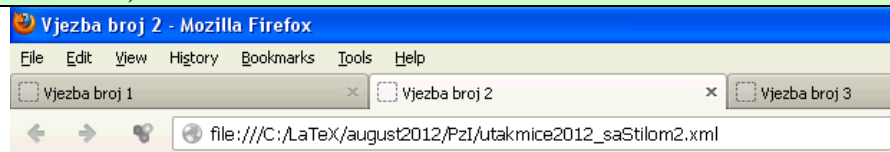
## Zadatak broj 11

- Dobijeni dokument: **utakmice2012.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">

  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punome>FCM Targu Mures</punome>
      </domacini>
    </timovi>
  </predmet>
</utakmice>
```

- Traženi izgled u web browseru (žuti kartoni domaćih igrača iz svih utakmica)



## Žuti kartoni domaćih igrača

<b>Utakmica</b>	FCM Targu Mures - FC Brasov
Kartoni	Domaći igrači: Igrač <b>Onicas</b> je dobio žuti karton u <b>22</b> minuti. Igrač <b>Vancea</b> je dobio žuti karton u <b>27</b> minuti. Igrač <b>Stere</b> je dobio žuti karton u <b>46</b> minuti. Igrač <b>Balau</b> je dobio žuti karton u <b>60</b> minuti. Igrač <b>Stanga</b> je dobio žuti karton u <b>65</b> minuti.
<b>Utakmica</b>	Helsingborgs IF - BK Hacken
Kartoni	Domaći igrači: Igrač <b>Sellman</b> je dobio žuti karton u <b>3</b> minuti.
<b>Utakmica</b>	Odense BK - Randers FC
Kartoni	Domaći igrači: Igrač <b>Simmons</b> je dobio žuti karton u <b>0</b> minuti.
<b>Utakmica</b>	Odense BK - FC Midtjylland
Kartoni	

- Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="stil2_zatutakmice.xsl"?>
...
```

- Jedno od mogućih rješenja: **stil2\_zatutakmice.xsl**

...čitav početak je isti kao u prethodnom zadatku...

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vjezba broj 2</title>
</head>

<body>
<h1>Žuti kartoni domaćih igrača</h1>
<table width="600" border="2">
<xsl:for-each select="utakmice/predmet">
<tr><td bgcolor="#CCFFFF"><font size="+3">Utakmica</font></td><td>
<xsl: value-of select="timovi/domacini/punome"/>
-
<xsl: value-of select="timovi/gosti/punome"/><br />
</td></tr>
<tr><td>Kartoni</td><td>
Domaći igrači:<br />
<xsl:for-each select="dogadjaji/dogadjaj">
<xsl:if test="(.[contains(@type,'yellow_card') and
contains(@team,'domacini')])">
Igrač <b>
<xsl: value-of select="igrac"/>
</b> je dobio žuti karton u
<b>
<xsl: value-of select="minuta"/>
</b> minuti.<br />
</xsl:if>
</xsl:for-each>
<tr><td>&nbsp;</td><td>&nbsp;</td></tr>
</xsl:for-each>
</table>
<tr>
<td></td>
<td></td>
<td><xsl: value-of select="rezultat"/></td>
</tr>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```



## Zadatak broj 12

### • Dobijeni dokument: utakmice2012.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">

  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punoi me>FCM Targu Mures</punoi me>
    ...
```

### • Traženi izgled u web browseru (koja utakmica je iz koje lige i status utakmice)



### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="stil3_zau utakmice. xsl"?>
...
```

### • Jedno od mogućih rješenja: stil3\_zau utakmice.xsl

```
...početak je isti kao u svim zadacima...
<xsl:stylesheet version="1.0"
xml ns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>
<xsl:template match="/">

<html xml ns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vjezba broj 3</title>
</head>

<body>
<h1>Neke zanimljive informacije</h1>

<xsl:for-each select="utakmice/predmet">

Utakmica
<font size="+2">
<xsl:value-of select="timovi/domacini/punoi me"/> - <xsl:value-of
select="timovi/gosti/punoi me"/>
</font>
je iz
<font size="+2">
<xsl:value-of select="detalji/sadrzaj/takmicenje/nasl ov"/>
</font>
lige.<br />
Utakmica

<xsl:if test="([contains(@status, 'finished')])">
<font size="+2">je završena.</font>
</xsl:if>

<xsl:if test="([contains(@status, 'active')])">
<font size="+2">je u toku.</font>
</xsl:if>

<xsl:if test="([contains(@status, 'not_started')])">
<font size="+2">još nije započela.</font>
</xsl:if>

<br /><br />
</xsl:for-each>

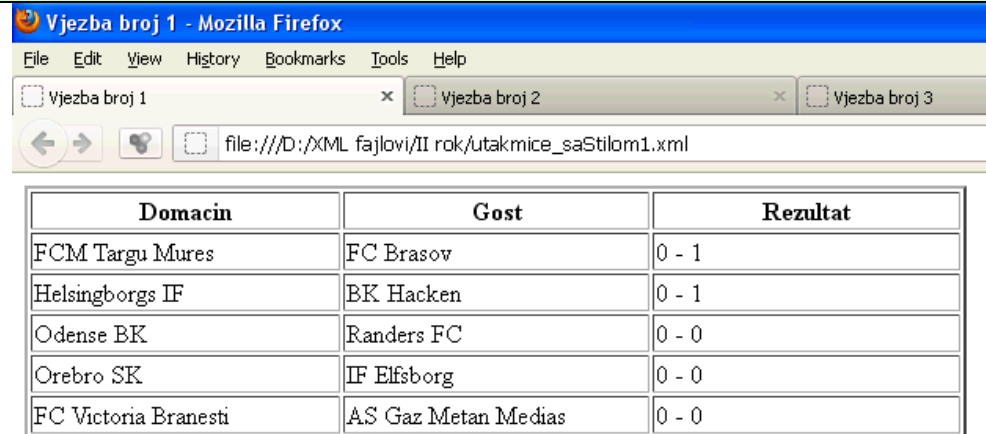
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```

## Zadatak broj 13

### • Dobijeni dokument: utakmice.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punoi me>FCM Targu Mures</punoi me>
      </domacini>
      <gosti id="brasfc_rom">
        <ime>Brasov</ime>
        <punoi me>FC Brasov</punoi me>
      </gosti>
    </timovi>
  </predmet>
  ...
</utakmice>
```

### • Traženi izgled u web browseru (prikaz svih rezultata odigranih utakmica iz dokumenta u jednoj tabeli)



Vježba broj 1 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Vježba broj 1 x Vježba broj 2 x Vježba broj 3

file:///D:/XML fajlovi/II rok/utakmice\_saStilom1.xml

Domacin	Gost	Rezultat
FCM Targu Mures	FC Brasov	0 - 1
Helsingborgs IF	BK Hacken	0 - 1
Odense BK	Randers FC	0 - 0
Orebro SK	IF Elfsborg	0 - 0
FC Victoria Branesti	AS Gaz Metan Medias	0 - 0

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="stil1_zalutakmice.xsl"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
      </domacini>
    </timovi>
  </predmet>
  ...
</utakmice>
```

### • Jedno od mogućih rješenja: stil1\_zalutakmice.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    "&#160;" >
  <!ENTITY copy    "&#169;" >
  <!ENTITY reg     "&#174;" >
  <!ENTITY trade   "&#8482;" >
  <!ENTITY mdash   "&#8212;" >
  <!ENTITY ldquo   "&#8220;" >
  <!ENTITY rdquo   "&#8221;" >
  <!ENTITY pound   "&#163;" >
  <!ENTITY yen     "&#165;" >
  <!ENTITY euro    "&#8364;" >
]>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>

<xsl:template match="/utakmice">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vježba broj 1</title>
</head>

<body>

<table width="600" border="2">

<tr>
<th width="200">Domacin</th><th width="200">Gost</th><th
width="200">Rezultat</th>
</tr>

<xsl:for-each select="predmet">
  <tr>
    <td><xsl:value-of select="timovi/domacini/punoi me"/></td>
    <td><xsl:value-of select="timovi/gosti/punoi me"/></td>
    <td><xsl:value-of select="rezultat"/></td>
  </tr>
</xsl:for-each>

</table>

</body>
</html>

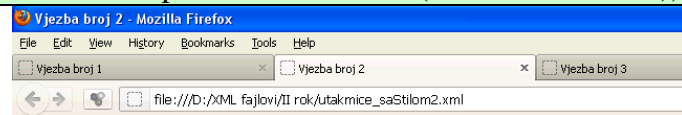
</xsl:template>
</xsl:stylesheet>
```

## Zadatak broj 14

### • Dobijeni dokument: utakmice.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punoi me>FCM Targu Mures</punoi me>
      </domacini>
    </timovi>
  </predmet>
</utakmice>
```

### • Traženi izgled u web browseru (prikaz imena lige i svih odigranih utakmica u posebnim tabelama (bez rezultata ili sa))



#### Romania - Liga 1

Domacin	Gost	Rezultat
FCM Targu Mures	FC Brasov	.

#### Sweden - First Division

Domacin	Gost	Rezultat
Helsingborgs IF	BK Hacken	.

#### Denmark - Super League

Domacin	Gost	Rezultat
Odense BK	Randers FC	.

#### Sweden - First Division

Domacin	Gost	Rezultat
Orebro SK	IF Elfsborg	.

#### Romania - Liga 1

Domacin	Gost	Rezultat
FC Vaslui	FC Botosani	.

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="stil2_zauTakmice.xsl"?>
...
```

### • Jedno od mogućih rješenja: stil2\_zauTakmice.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp " ">&#160;">
  <!ENTITY copy " ">&#169;">
  ... (ovaj dio je isti kao u prethodnom zadatku)
  <!ENTITY euro " ">&#8364;">
]>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>

<xsl:template match="/utakmice/predmet">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vjezba broj 2</title>
</head>

<body>

<h1>
<xsl:value-of select="detalji/sadrzaj/takmi cenje/naslov"/>
</h1>

<table width="600" border="2">

<tr>
<th width="200">Domacin</th><th width="200">Gost</th><th
width="200">Rezultat</th>
</tr>

<xsl:for-each select="timovi">
  <tr>
    <td><xsl:value-of select="domacini/punoi me"/></td>
    <td><xsl:value-of select="gosti/punoi me"/></td>
    <td>.</td>
  </tr>
</xsl:for-each>
</table>
<br />

</body>
</html>
</xsl:template>
</xsl:stylesheet>
```

## Zadatak broj 15

### • Dobijeni dokument: utakmice.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punoi me>FCM Targu Mures</punoi me>
      ...
```

### • Traženi izgled u web browseru (prikaz rezultat odigranih utakmica samo iz Rumunske lige)

Domacin	Gost	Rezultat
FCM Targu Mures	FC Brasov	0 - 1

Domacin	Gost	Rezultat
FC Victoria Branesti	AS Gaz Metan Medias	0 - 0

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="stil3_zalutakmice.xsl"?>
...
```

### • Jedno od mogućih rješenja: stil3\_zalutakmice.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    " ">
  <!ENTITY copy   "©">
  <!ENTITY reg     "®">
  <!ENTITY trade  "™">
  <!ENTITY mdash  "—">
  <!ENTITY ldquo  "“">
  <!ENTITY rdquo  "”">
  <!ENTITY pound  "£">
```

```
  <!ENTITY yen    "¥">
  <!ENTITY euro   "€">
]>
<xsl:stylesheet version="1.0"
xml ns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>

<xsl:template match="/">
<h1>
Romania - Liga 1
</h1>

<xsl:apply-templates select="/utakmice/predmet"/>
</xsl:template>

<xsl:template match="/utakmice/predmet">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vjezba broj 3</title>
</head>

<body>

<xsl:if test="detalji/sadrzaj/takmicenje[nasl ov = 'Romania - Liga
1']">






<table width="600" border="2">
<tr>
<th width="200">Domacin</th><th width="200">Gost</th><th
width="200">Rezultat</th>
</tr>

<xsl:for-each select="timovi">
  <tr>
    <td><xsl:value-of select="domacini/punoi me"/></td>
    <td><xsl:value-of select="gosti/punoi me"/></td>
    <td><xsl:value-of select=".. /rezultat"/></td>
  </tr>
</xsl:for-each>

</table>
<br />

</xsl:if>
</body>
</html>

</xsl:template>
</xsl:stylesheet>
```

<b>Primjer 16</b>	<b>• Rješenje: stil1_utakmice_12062013.xsl</b>
<b>• Dobijeni dokument: utakmice2012.xml</b>	
<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt; &lt;utakmice total-count="5" first="1" last="5"&gt;   &lt;predmet sadrzaj="rom_l1" status="finished" timestamp-starts="1280156400"&gt;     &lt;timovi&gt;       &lt;domacini id="tarmfcm_rom"&gt;         &lt;ime&gt;Targu&lt;/ime&gt;         &lt;punoi me&gt;FCM Targu Mures&lt;/punoi me&gt;       &lt;/domacini&gt;     &lt;/timovi&gt;   &lt;/predmet&gt; &lt;/utakmice&gt;</pre>	<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt; &lt;!DOCTYPE xsl:stylesheet [   &lt;!ENTITY nbsp    "&amp;#160;"&gt;   &lt;!ENTITY copy   "&amp;#169;"&gt;   ...   &lt;!ENTITY rdquo  "&amp;#8221;"&gt;   &lt;!ENTITY pound  "&amp;#163;"&gt;   &lt;!ENTITY yen    "&amp;#165;"&gt;   &lt;!ENTITY euro   "&amp;#8364;"&gt; ]&gt; &lt;xsl:stylesheet version="1.0" xml ns: xsl="http://www.w3.org/1999/XSL/Transform"&gt; &lt;xsl:output method="html" encoding="utf-8" doctype-public="- //W3C//DTD XHTML 1.0 Transitional//EN" doctype- system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/&gt; &lt;xsl:template match="/"&gt;  &lt;html xmlns="http://www.w3.org/1999/xhtml"&gt; &lt;head&gt; &lt;meta http-equiv="Content-Type" content="text/html; charset=utf- 8"/&gt; &lt;title&gt;Vjezba broj 1&lt;/title&gt; &lt;/head&gt;  &lt;body&gt; &lt;xsl:apply-templates select="utakmice"/&gt; &lt;/body&gt; &lt;/html&gt; &lt;/xsl:template&gt;  &lt;xsl:template match="utakmice"&gt; &lt;xsl:apply-templates select="predmet"/&gt;&lt;br /&gt; &lt;/xsl:template&gt;  &lt;xsl:template match="predmet"&gt; &lt;div style="background: #99FFCC; width: 400px; border: thick solid #000000; padding: 10px; margin: 20px; text-align: center"&gt;   &lt;font style="font-size: 2em; color: #FF0000"&gt;&lt;xsl: value-of select="rezultat"/&gt;&lt;/font&gt;&lt;br /&gt;   &lt;xsl: value-of select="timovi/domacini/punoi me"/&gt; -   &lt;xsl: value-of select="timovi/gosti/punoi me"/&gt;&lt;br /&gt;    &lt;font style="font-size: 1.5em"&gt; Golove dali:   &lt;xsl:for-each select="dogadjaji/dogadjaj"&gt;     &lt;xsl:if test="(.[contains(@type, 'goal')])"&gt;       &lt;xsl: value-of select="."/&gt;&lt;br /&gt;     &lt;/xsl:if&gt;   &lt;/xsl:for-each&gt; &lt;/font&gt; &lt;/div&gt; &lt;/xsl:template&gt; &lt;/xsl:stylesheet&gt;</pre>
<b>• Traženi izgled u web browseru</b>	
	
	
	
	
	
<b>• Prepravljeni XML dokument</b>	
<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt; &lt;?xml-stylesheet href="stil1_utakmice_12062013.xsl" type="text/xsl"?&gt; ...</pre>	

## Primjer 17

### • Dobijeni dokument: utakmice2012.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punoime>FCM Targu Mures</punoime>
      </domacini>
      <gosti id="brasfc_rom">
        ...

```

### • Traženi izgled u web browseru (tri div-a)

#### Timovi, rezultati i detalji

Targu FCM Targu Mures Brasov FC  
Brasov ,  
0 - 1,  
Romania - Liga 1 2010/2011 1

Helsingborg Helsingborgs IF Hacken  
BK Hacken ,  
0 - 1,  
Sweden - First Division 2010 16

Odense Odense BK Randers Randers  
FC ,  
0 - 0,  
Denmark - Super League 2010/2011 2

Orebro Orebro SK Elfsborg IF  
Elfsborg ,  
0 - 0,  
Sweden - First Division 2010 16

Victoria FC Victoria Branesti Gaz  
Metan AS Gaz Metan Medias ,  
0 - 0,  
Romania - Liga 1 2010/2011 1

#### Timovi, rezultati i detalji

Targu FCM Targu Mures Brasov FC  
Brasov ,  
0 - 1,  
Romania - Liga 1 2010/2011 1

Helsingborg Helsingborgs IF Hacken  
BK Hacken ,  
0 - 1,  
Sweden - First Division 2010 16

Odense Odense BK Randers Randers  
FC ,  
0 - 0,  
Denmark - Super League 2010/2011 2

Orebro Orebro SK Elfsborg IF  
Elfsborg ,  
0 - 0,  
Sweden - First Division 2010 16

Victoria FC Victoria Branesti Gaz  
Metan AS Gaz Metan Medias ,  
0 - 0,  
Romania - Liga 1 2010/2011 1

#### Timovi, rezultati i detalji

Targu FCM Targu Mures Brasov FC  
Brasov ,  
0 - 1,  
Romania - Liga 1 2010/2011 1

Helsingborg Helsingborgs IF Hacken  
BK Hacken ,  
0 - 1,  
Sweden - First Division 2010 16

Odense Odense BK Randers Randers  
FC ,  
0 - 0,  
Denmark - Super League 2010/2011 2

Orebro Orebro SK Elfsborg IF  
Elfsborg ,  
0 - 0,  
Sweden - First Division 2010 16

Victoria FC Victoria Branesti Gaz  
Metan AS Gaz Metan Medias ,  
0 - 0,  
Romania - Liga 1 2010/2011 1

### • Rješenje: stil2\_utakmice\_12062013.xsl

```
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    "&#160;">
  <!ENTITY copy    "&#169;">
  <!ENTITY reg     "&#174;">
  ...
  <!ENTITY yen    "&#165;">
  <!ENTITY euro   "&#8364;">
]>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>
<xsl:template match="/">

```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vjezba 2</title>
</head>

```

<body>

```
<div style="width: 250px; background: #99FFFF; padding: 10px">
<font size="+3">Timovi, rezultati i detalji</font><br /><br />
<xsl:apply-templates select="utakmice/predmet"/>
</div>

```

```
<div style="width: 250px; background: #99CC66; padding: 10px;
position: absolute; top: 10px; left: 310px">
<font size="+3">Timovi, rezultati i detalji</font><br /><br />
<xsl:apply-templates select="utakmice/predmet"/>
</div>

```

```
<div style="width: 250px; background: #CCCCFF; padding: 10px;
position: absolute; top: 10px; left: 610px">
<font size="+3">Timovi, rezultati i detalji</font><br /><br />
<xsl:apply-templates select="utakmice/predmet"/>
</div>

```

```
</body>
</html>
</xsl:template>

```

```
<xsl:template match="utakmice/predmet">
<xsl:value-of select="timovi"/>, <br />
<xsl:value-of select="rezultat"/>, <br />
<xsl:value-of select="detalji"/><br /><br />
</xsl:template>

```

```
</xsl:stylesheet>
```

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet href="stil2_utakmice_12062013.xsl"
type="text/xsl"?> ...

```



## Primjer 18

### • Dobijeni dokument: utakmice2012.xml

```
<?xml version="1.0" encoding="utf-8"?>
<utakmice total-count="5" first="1" last="5">
  <predmet sadrzaj="rom_l1" status="finished" timestamp-
starts="1280156400">
    <timovi>
      <domacini id="tarmfcm_rom">
        <ime>Targu</ime>
        <punoi me>FCM Targu Mures</punoi me>
      </domacini>
      <gosti id="brasfc_rom">

```

### • Traženi izgled u web browseru

## Utakmice

R.b.	Utakmica	Rezultat	Žuti kartoni
1.	Targu - Brasov	0 - 1	Onicas 22 Vancea 27 Hadnagy 29 Voicu 34 Stere 46 Chipciu 52 Balau 60 Stanga 65
2.	Helsingborg - Hacken	0 - 1	Sellman 3 Robert 6
3.	Odense - Randers	0 - 0	Simmons 0 Hajnlajn 21
4.	Orebro - Elfsborg	0 - 0	
5.	Victoria - Gaz Metan	0 - 0	

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="utf-8"?>
<?xml -stylesheet href="stil3_utakmice_12062013.xsl"
type="text/xsl"?>
...
```

### • Rješenje: stil3\_utakmice\_12062013.xsl

```
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE xsl:stylesheet [
```

```
<!ENTITY nbsp    "&#160;" >
<!ENTITY copy    "&#169;" >
...
<!ENTITY euro    "&#8364;" >
]>
<xsl:stylesheet version="1.0"
xml ns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>
<xsl:template match="/">

<html xml ns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Vjezba 3</title>
</head>

<body>
<h1>Utakmice</h1>

<table width="700" border="1">
  <tr style="font-size: 2em">
    <td>R. b. </td>
    <td style="background: #CCFF33">Utakmica</td>
    <td style="text-align: center;">Rezultat</td>
    <td style="text-align: center;">Žuti kartoni</td>
  </tr>

  <xsl:for-each select="utakmice/predmet">
    <tr style="font-size: 1.4em">
      <td><xsl:value-of select="position()" />. </td>
      <td style="background: #CCFF33"><xsl:value-of
select="timovi/domacini/ime"/> -
      <xsl:value-of select="timovi/gosti/ime"/></td>
      <td style="text-align: center; width: 100px">
        <xsl:value-of select="rezultat"/>
      </td>
      <td style="text-align: center; width: 200px">
        <xsl:for-each select="dogadjaji/dogadjaj">
          <xsl:if test="(.[contains(@type,'yellow_card')])">
            <xsl:value-of select="."/;><br />
          </xsl:if>
        </xsl:for-each>
      </td>
    </tr>
  </xsl:for-each>
</table>

</body>
</html>
</xsl:template>
</xsl:stylesheet>
```

## U sva tri sljedeća zadatka dobijen je isti dokument

### • Dobijeni dokument: katalog\_biljaka.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!-- Programiranje za internet -->
<KATALOG>
  <BI LJKA>
    <NAZI V>Bl oodroot</NAZI V>
    <BOTANI CKI >Sanguinaria canadensis</BOTANI CKI >
    <ZONA>4</ZONA>
    <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
    <CI JENA>$2. 44</CI JENA>
    <DOSTUPNOST>031599</DOSTUPNOST>
  </BI LJKA>
  <BI LJKA>
    <NAZI V>Col umbine</NAZI V>
    <BOTANI CKI >Aquilegia canadensis</BOTANI CKI >
    <ZONA>3</ZONA>
    <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
    <CI JENA>$9. 37</CI JENA>
    <DOSTUPNOST>030699</DOSTUPNOST>
  </BI LJKA>
  <BI LJKA>
    <NAZI V>Marsh Mari gold</NAZI V>
    <BOTANI CKI >Caltha palustris</BOTANI CKI >
    <ZONA>4</ZONA>
    <OSVJETLJENJE>Mostly Sunny</OSVJETLJENJE>
    <CI JENA>$6. 81</CI JENA>
    <DOSTUPNOST>051799</DOSTUPNOST>
  </BI LJKA>
  <BI LJKA>
    <NAZI V>Cowslip</NAZI V>
    <BOTANI CKI >Caltha palustris</BOTANI CKI >
    <ZONA>4</ZONA>
    <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
    <CI JENA>$9. 90</CI JENA>
    <DOSTUPNOST>030699</DOSTUPNOST>
  </BI LJKA>
  <BI LJKA>
    <NAZI V>Dutchman' s- Breeches</NAZI V>
    <BOTANI CKI >Dicentra cucullaria</BOTANI CKI >
    <ZONA>3</ZONA>
    <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
    <CI JENA>$6. 44</CI JENA>
    <DOSTUPNOST>012099</DOSTUPNOST>
  </BI LJKA>
  <BI LJKA>
    <NAZI V>Ginger, Wild</NAZI V>
    <BOTANI CKI >Asarum canadense</BOTANI CKI >
    <ZONA>3</ZONA>
    <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
    <CI JENA>$9. 03</CI JENA>
    <DOSTUPNOST>041899</DOSTUPNOST>
  </BI LJKA>
```

```
<BI LJKA>
  <NAZI V>Hepatica</NAZI V>
  <BOTANI CKI >Hepatica americana</BOTANI CKI >
  <ZONA>4</ZONA>
  <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
  <CI JENA>$4. 45</CI JENA>
  <DOSTUPNOST>012699</DOSTUPNOST>
</BI LJKA>
<BI LJKA>
  <NAZI V>Liverleaf</NAZI V>
  <BOTANI CKI >Hepatica americana</BOTANI CKI >
  <ZONA>4</ZONA>
  <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
  <CI JENA>$3. 99</CI JENA>
  <DOSTUPNOST>010299</DOSTUPNOST>
</BI LJKA>
<BI LJKA>
  <NAZI V>Jack- In- The- Pulpit</NAZI V>
  <BOTANI CKI >Arisaema triphyllum</BOTANI CKI >
  <ZONA>4</ZONA>
  <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
  <CI JENA>$3. 23</CI JENA>
  <DOSTUPNOST>020199</DOSTUPNOST>
</BI LJKA>
<BI LJKA>
  <NAZI V>Mayapple</NAZI V>
  <BOTANI CKI >Podophyllum peltatum</BOTANI CKI >
  <ZONA>3</ZONA>
  <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
  <CI JENA>$2. 98</CI JENA>
  <DOSTUPNOST>060599</DOSTUPNOST>
</BI LJKA>
<BI LJKA>
  <NAZI V>Phlox, Woodland</NAZI V>
  <BOTANI CKI >Phlox divaricata</BOTANI CKI >
  <ZONA>3</ZONA>
  <OSVJETLJENJE>Sun or Shade</OSVJETLJENJE>
  <CI JENA>$2. 80</CI JENA>
  <DOSTUPNOST>012299</DOSTUPNOST>
</BI LJKA>
<BI LJKA>
  <NAZI V>Phlox, Blue</NAZI V>
  <BOTANI CKI >Phlox divaricata</BOTANI CKI >
  <ZONA>3</ZONA>
  <OSVJETLJENJE>Sun or Shade</OSVJETLJENJE>
  <CI JENA>$5. 59</CI JENA>
  <DOSTUPNOST>021699</DOSTUPNOST>
</BI LJKA>
  ...
  <BI LJKA>
    <NAZI V>Cardinal Flower</NAZI V>
    <BOTANI CKI >Lobelia cardinalis</BOTANI CKI >
    ...
  </BI LJKA>
</KATALOG>
```

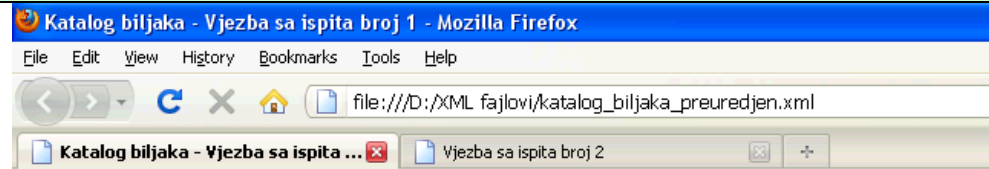


## Zadatak broj 19

### • Dobijeni dokument: katalog\_biljaka.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!-- Programiranje za internet -->
<KATALOG>
  <BI LJKA>
    <NAZIV>Bl oodroot</NAZIV>
    <BOTANI CKI >Sangui nari a canadensi s</BOTANI CKI >
    <ZONA>4</ZONA>
    <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
    <CI JENA>$2. 44</CI JENA>
    <DOSTUPNOST>031599</DOSTUPNOST>
  </BI LJKA>
  ...
</KATALOG>
```

### • Traženi izgled u web browseru (biljke u tabeli sa osvjetljenjem Sunny, i biljke sa osvjetljenjem Shade)



### Biljke iz našeg kataloga koje trebaju dosta sunce su sljedeće

Naziv biljke	Potrebna osvjetljenost
Black-Eyed Susan	Sunny
Butterfly Weed	Sunny
Primrose	Sunny

### Biljke iz našeg kataloga koje mogu rasti i u hladu su:

Violet, Dog-Tooth, Trout Lily, Adder's-Tongue, Bee Balm, Bergamot, Buttercup, Crowfoot, Cinquel

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<?xml -stylesheet type="text/xsl"
href="stil1_za_katalog_biljaka.xsl"?>
<!-- Programiranje za internet -->
<KATALOG>
  ...
```

### • Rješenje: stil1\_za\_katalog\_biljaka.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp "&#160;">
  ... (ovaj dio je isti kao u sljedećem zadatku)
  <!ENTITY yen "&#165;">
  <!ENTITY euro "&#8364;">]>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>

<xsl:template match="/">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Katalog biljaka - Vježba sa ispita broj 1</title>
</head>

<body>
<h2>
Biljke iz našeg kataloga koje trebaju dosta sunce su sljedeće
</h2>
<table border="1">
  <tr>
    <th bgcolor="#99FFFF">Naziv biljke</th>
    <th bgcolor="#99FFFF">Potrebna osvjetljenost</th>
  </tr>

  <xsl:for-each select="KATALOG/BI LJKA">
    <xsl:if test="OSVJETLJENJE = 'Sunny'">
      <tr>
        <td><xsl:value-of select="NAZIV"/></td>
        <td><xsl:value-of select="OSVJETLJENJE"/></td>
      </tr>
    </xsl:if>
  </xsl:for-each>
</table>
<h2>
Biljke iz našeg kataloga koje mogu rasti i u hladu su:</h2>

  <xsl:for-each select="KATALOG/BI LJKA">
    <xsl:if test="OSVJETLJENJE = 'Shade'">
      <xsl:value-of select="NAZIV"/>, &nbsp;
    </xsl:if>
  </xsl:for-each>
</body>
</html>

</xsl:template>

</xsl:stylesheet>
```



## Zadatak broj 21

### • Dobijeni dokument: katalog\_biljaka.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!-- Programiranje za internet -->
<KATALOG>
  <BI LJKA>
    <NAZIV>Bloodroot</NAZIV>
    <BOTANI CKI >Sanguinaria canadensis</BOTANI CKI >
    <ZONA>4</ZONA>
    <OSVJETLJENJE>Mostly Shady</OSVJETLJENJE>
    <CI JENA>$2.44</CI JENA>
    <DOSTUPNOST>031599</DOSTUPNOST>
  </BI LJKA>
  ...
</KATALOG>
```

### • Traženi izgled u web browseru (prve četiri biljke iz kataloga)

Katalog biljaka - Vježba sa ispita broj 3 - Mozilla Firefox

file:///D:/XML fajlovi/katalog\_biljaka\_preuredjeno\_v3.xml

## Biljke koje preporučujemo su

**Bloodroot** - \$2.44  
*Dostupnost 031599*

**Columbine** - \$9.37  
*Dostupnost 030699*

**Marsh Marigold** - \$6.81  
*Dostupnost 051799*

**Cowslip** - \$9.90  
*Dostupnost 030699*

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<?xml -stylesheet type="text/xsl"
href="stil3_za_katalog_biljaka.xsl"?>
```

### • Rješenje: stil3\_za\_Katalog\_biljaka.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  ... (ovaj dio je isti kao u prethodnom zadatku)
]>
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>

<xsl:template match="/">

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8"/>
<title>Katalog biljaka - Vježba sa ispita broj 3</title>
</head>

<body>
<div style="width: 800px">

<h2>Biljke koje preporučujemo su</h2>
<xsl:for-each select="KATALOG/BI LJKA">

  <xsl:if test="5 > position()">

    <div style="color: blue; padding: 4px">
      <span style="font-weight: bold">
        <xsl:value-of select="NAZIV" />
      </span>
      - <xsl:value-of select="CI JENA" />
    </div>

    <div style="color: blue; padding: 4px; background: #99FFFF">
      <span style="font-style: italic">
        Dostupnost <xsl:value-of select="DOSTUPNOST" />
      </span>
    </div>

    <br />
  </xsl:if>

</xsl:for-each>
</div>

</body>
</html>

</xsl:template>
</xsl:stylesheet>
```

<b>Primjer 22</b>		<b>• Rješenje: stil_za_pjesmu.xml</b>
<b>• Dobijeni dokument: poem.xml</b>		
<pre>&lt;?xml version="1.0" encoding="iso-8859-1"?&gt; &lt;poem&gt;   &lt;author&gt;Rupert Brooke&lt;/author&gt;   &lt;date&gt;1912&lt;/date&gt;   &lt;title&gt;Hladnoca&lt;/title&gt;   &lt;stanza&gt;     &lt;line&gt;I iznenada vjetar dolazi mekan, &lt;/line&gt;     &lt;line&gt;I proljece je ovjde ponovo&lt;/line&gt;     &lt;line&gt;I glog pospjeva sa pupoljkom zelenim&lt;/line&gt;     &lt;line&gt;I moje srce sa pupoljkom bola. &lt;/line&gt;   &lt;/stanza&gt;   &lt;stanza&gt;     &lt;line&gt;My heart all Winter lay so numb, &lt;/line&gt;     &lt;line&gt;The earth so dead and frore, &lt;/line&gt;     &lt;line&gt;That I never thought the Spring would come again&lt;/line&gt;     &lt;line&gt;Or my heart wake any more. &lt;/line&gt;   &lt;/stanza&gt;   ... &lt;/poem&gt;</pre>		<pre>&lt;?xml version="1.0" encoding="iso-8859-1"?&gt; &lt;xsl:stylesheet   xmlns:xsl="http://www.w3.org/1999/XSL/Transform"   version="1.0"&gt;   &lt;xsl:template match="poem"&gt;     &lt;html&gt;       &lt;head&gt;         &lt;title&gt;&lt;xsl:value-of select="title"/&gt;&lt;/title&gt;       &lt;/head&gt;       &lt;body&gt;         &lt;xsl:apply-templates select="title"/&gt;         &lt;xsl:apply-templates select="author"/&gt;         &lt;xsl:apply-templates select="stanza"/&gt;         &lt;xsl:apply-templates select="date"/&gt;       &lt;/body&gt;     &lt;/html&gt;   &lt;/xsl:template&gt;   &lt;xsl:template match="title"&gt;     &lt;div align="center"&gt;&lt;h1&gt;&lt;xsl:value-of   select="." /&gt;&lt;/h1&gt;&lt;/div&gt;   &lt;/xsl:template&gt;   &lt;xsl:template match="author"&gt;     &lt;div align="center"&gt;&lt;h2&gt;Od &lt;xsl:value-of   select="." /&gt;&lt;/h2&gt;&lt;/div&gt;   &lt;/xsl:template&gt;   &lt;xsl:template match="date"&gt;     &lt;p&gt;&lt;i&gt;&lt;xsl:value-of select="." /&gt;&lt;/i&gt;&lt;/p&gt;   &lt;/xsl:template&gt;   &lt;xsl:template match="stanza"&gt;     &lt;p&gt;&lt;xsl:apply-templates select="line"/&gt;&lt;/p&gt;   &lt;/xsl:template&gt;   &lt;xsl:template match="line"&gt;     &lt;xsl:if test="position() mod 2 =   0"&gt;&amp;#160; &amp;#160; &amp;#160; &amp;#160; &amp;#160; &lt;/xsl:if&gt;     &lt;xsl:value-of select="." /&gt;&lt;br/&gt;   &lt;/xsl:template&gt; &lt;/xsl:stylesheet&gt;</pre>
<b>• Traženi izgled u web browseru (svaki drugi stih uvući pet milimetara)</b>		
<p style="text-align: center;"><b>Hladnoca</b></p> <p style="text-align: center;"><b>Od Rupert Brooke</b></p> <p>I iznenada vjetar dolazi mekan,    I proljece je ovjde ponovo    I glog pospjeva sa pupoljkom zelenim    I moje srce sa pupoljkom bola.</p> <p>My heart all Winter lay so numb,    The earth so dead and frore,    That I never thought the Spring would come again    Or my heart wake any more.</p> <p>But Winter's broken and earth has woken,    And the small birds cry again;    And the hawthorn hedge puts forth its buds,    And my heart puts forth its pain.</p> <p>1912</p>		
<b>• Prepravljeni XML dokument</b>		
<pre>&lt;?xml version="1.0" encoding="iso-8859-1"?&gt; &lt;?xml-stylesheet type="text/xsl" href="stil_za_pjesmu.xml"?&gt; ...</pre>		

## Primjer 23

### • Dobijeni dokument: poem.xml

```
<?xml version="1.0" encoding="iso-8859-1"?>
<poem>
  <author>Rupert Brooke</author>
  <date>1912</date>
  <title>Hladnoca</title>
  <stanza>
    <line>I iznenada vjetar dolazi mekan, </line>
    <line>I proljece je ovjde ponovo</line>
    <line>I glog pospjeva sa pupoljkom zelenim</line>
    <line>I moje srce sa pupoljkom bola. </line>
  </stanza>
  <stanza>
    <line>My heart all Winter lay so numb, </line>
    <line>The earth so dead and frore, </line>
    <line>That I never thought the Spring would come again</line>
    <line>Or my heart wake any more. </line>
  </stanza>
  <stanza>
    <line>But Winter's broken and earth has woken, </line>
    <line>And the small birds cry again; </line>
    <line>And the hawthorn hedge puts forth its buds, </line>
    <line>And my heart puts forth its pain. </line>
  </stanza>
</poem>
```

### • Traženi izgled u web browseru (ispisati broj ispred svakog stiha u strofi)

## Hladnoca

Od Rupert Brooke

- 1 Iznenada vjetar dolazi mekan,
- 2 I proljece je ovjde ponovo
- 3 I glog pospjeva sa pupoljkom zelenim
- 4 I moje srce sa pupoljkom bola.

- 1 My heart all Winter lay so numb,
- 2 The earth so dead and frore,
- 3 That I never thought the Spring would come again
- 4 Or my heart wake any more.

- 1 But Winter's broken and earth has woken,
- 2 And the small birds cry again;
- 3 And the hawthorn hedge puts forth its buds,
- 4 And my heart puts forth its pain.

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="iso-8859-1"?>
<?xml -stylesheet type="text/xsl" href="stil_fja_positi on. xsl"?>
...
```

### • Rješenje: stil\_fja\_position.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE xsl:stylesheet [
  <!ENTITY nbsp    "&#160;" >
  <!ENTITY copy    "&#169;" >
  <!ENTITY reg     "&#174;" >
  <!ENTITY trade   "&#8482;" >
  <!ENTITY mdash   "&#8212;" >
  <!ENTITY ldquo   "&#8220;" >
  <!ENTITY rdquo   "&#8221;" >
  <!ENTITY pound   "&#163;" >
  <!ENTITY yen     "&#165;" >
  <!ENTITY euro    "&#8364;" >
]>
<xsl:stylesheet version="1.0"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform" >
  <xsl:output method="html" encoding="utf-8" doctype-public="-
  //W3C//DTD XHTML 1.0 Transitional//EN" doctype-
  system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"/>

  <xsl:template match="poem">
    <html xmlns="http://www.w3.org/1999/xhtml">
      <head>
        <meta http-equiv="Content-Type" content="text/html; charset=utf-
        8"/>
        <title>Stil sa funkcijom position</title>
      </head>
      <body>
        <xsl:apply-templates select="title"/>
        <xsl:apply-templates select="author"/>
        <xsl:apply-templates select="stanza"/>
      </body>
    </html>
  </xsl:template>

  <xsl:template match="title">
    <div align="center">
      <h1><xsl:value-of select="." /></h1></div>
  </xsl:template>

  <xsl:template match="author">
    <div align="center">
      <h2>Od <xsl:value-of select="." /></h2></div>
  </xsl:template>

  <xsl:template match="stanza">
    <p><xsl:apply-templates select="line"/></p>
  </xsl:template>

  <xsl:template match="line">
    <xsl:value-of select="position()" />&nbsp;
    <xsl:value-of select="." /><br/>
  </xsl:template>
</xsl:stylesheet>
```

<b>Primjer 24</b>	<b>• Rješenje: stil_fja_position_v2.xsl</b>
<b>• Dobijeni dokument: poem.xml</b>	
<pre>&lt;?xml version="1.0" encoding="iso-8859-1"?&gt; &lt;poem&gt;   &lt;author&gt;Rupert Brooke&lt;/author&gt;   &lt;date&gt;1912&lt;/date&gt;   &lt;title&gt;Hladnoca&lt;/title&gt;   &lt;stanza&gt;     &lt;line&gt;I iznenada vjetar dolazi mekan, &lt;/line&gt;     &lt;line&gt;I proljece je ovjde ponovo&lt;/line&gt;     &lt;line&gt;I glog pospjeva sa pupoljkom zelenim&lt;/line&gt;     &lt;line&gt;I moje srce sa pupoljkom bola. &lt;/line&gt;   &lt;/stanza&gt;   &lt;stanza&gt;     &lt;line&gt;My heart all Winter lay so numb, &lt;/line&gt;     &lt;line&gt;The earth so dead and frore, &lt;/line&gt;     &lt;line&gt;That I never thought the Spring would come again&lt;/line&gt;     &lt;line&gt;Or my heart wake any more. &lt;/line&gt;   &lt;/stanza&gt;   &lt;stanza&gt;     &lt;line&gt;But Winter's broken and earth has woken, &lt;/line&gt;     &lt;line&gt;And the small birds cry again; &lt;/line&gt;     &lt;line&gt;And the hawthorn hedge puts forth its buds, &lt;/line&gt;     &lt;line&gt;And my heart puts forth its pain. &lt;/line&gt;   &lt;/stanza&gt; &lt;/poem&gt;</pre>	<pre>&lt;?xml version="1.0" encoding="utf-8"?&gt;&lt;!DOCTYPE xsl:stylesheet [   &lt;!ENTITY nbsp    "&amp;#160;" &gt;   &lt;!ENTITY copy    "&amp;#169;" &gt;   &lt;!ENTITY reg     "&amp;#174;" &gt;   &lt;!ENTITY trade   "&amp;#8482;" &gt;   &lt;!ENTITY mdash   "&amp;#8212;" &gt;   &lt;!ENTITY ldquo   "&amp;#8220;" &gt;   &lt;!ENTITY rdquo   "&amp;#8221;" &gt;   &lt;!ENTITY pound   "&amp;#163;" &gt;   &lt;!ENTITY yen     "&amp;#165;" &gt;   &lt;!ENTITY euro    "&amp;#8364;" &gt; ]&gt; &lt;xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform"&gt; &lt;xsl:output method="html" encoding="utf-8" doctype-public="- //W3C//DTD XHTML 1.0 Transitional//EN" doctype- system="http://www.w3.org/TR/xhtml1/DTD/xhtml1- transitional.dtd"/&gt;  &lt;xsl:template match="poem"&gt;  &lt;html xmlns="http://www.w3.org/1999/xhtml"&gt; &lt;head&gt; &lt;meta http-equiv="Content-Type" content="text/html; charset=utf-8"/&gt; &lt;title&gt;Stil sa funkcijom position v2&lt;/title&gt; &lt;/head&gt; &lt;body&gt;  &lt;xsl:apply-templates select="title"/&gt;  &lt;xsl:for-each select="stanza/line"&gt;   &lt;xsl:value-of select="position()"/&gt;&amp;nbsp;   &lt;xsl:value-of select="."/&gt;&lt;br/&gt; &lt;/xsl:for-each&gt;  &lt;/body&gt; &lt;/html&gt; &lt;/xsl:template&gt;  &lt;xsl:template match="title"&gt;   &lt;div align="center"&gt;     &lt;h1&gt;&lt;xsl:value-of select="."/&gt;&lt;/h1&gt;&lt;/div&gt; &lt;/xsl:template&gt;  &lt;/xsl:stylesheet&gt;</pre>
<b>• Traženi izgled u web browseru (ispisati broj stiha ne razdvajajući strofe)</b>	
<h2>Hladnoca</h2> <p>1 I iznenada vjetar dolazi mekan,  2 I proljece je ovjde ponovo  3 I glog pospjeva sa pupoljkom zelenim  4 I moje srce sa pupoljkom bola.  5 My heart all Winter lay so numb,  6 The earth so dead and frore,  7 That I never thought the Spring would come again  8 Or my heart wake any more.  9 But Winter's broken and earth has woken,  10 And the small birds cry again,  11 And the hawthorn hedge puts forth its buds,  12 And my heart puts forth its pain.</p>	
<b>• Prepravljeni XML dokument</b>	
<pre>&lt;?xml version="1.0" encoding="iso-8859-1"?&gt; &lt;?xml-stylesheet type="text/xsl" href="stil_fja_position_v2.xsl"?&gt; &lt;poem&gt;   &lt;author&gt;Rupert Brooke&lt;/author&gt;   ...</pre>	



## Primjer 25

### • Dobijeni dokument: cdcatalogv2.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<catalog>
  <cd>
    <title>Live And Feelin' Good (The Blues Collection
Vol. 68)</title>
    <artist>Piano Red</artist>
    <country>USA</country>
    <company>?</company>
    <price>4.99</price>
    <year>2007</year>
  </cd>
  <cd>
    <title>2cellos</title>
    <artist>2cellos</artist>
    <country>HR</country>
    <company>?</company>
    <price>10.99</price>
    <year>2011</year>
  </cd>
  ...
</catalog>
```

### • Traženi izgled u web browseru (svi albumi koji su skuplji od 10 KM)

#### Moja CD kolekcija

Ime albuma	Izvođač
The Definitive Collection, Volume II: The Best Of Brian (Disc 1)	AC/DC
2cellos	2cellos
Spark	Natalie Walker
Kicking and Screaming (Japan MIZP-60028)	Sebastian Bach
Empire Burlesque	Bob Dylan
Still got the blues	Gary Moore
One night only	Bee Gees
Romanza	Andrea Bocelli
Black angel	Savage Rose
1999 Grammy Nominees	Many

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<?xml-stylesheet type="text/xsl" href="Stil_za_if.xsl"?>
<catalog>
  <cd>
    ...
```

### • Rješenje: Stil\_za\_if.xsl

```
<?xml version="1.0" encoding="utf-8"?><!DOCTYPE
xsl:stylesheet [
  <!ENTITY nbsp    "&#160;">
  <!ENTITY copy    "&#169;">
  <!ENTITY reg     "&#174;">
  <!ENTITY trade    "&#8482;">
  <!ENTITY mdash   "&#8212;">
  <!ENTITY ldquo   "&#8220;">
  <!ENTITY rdquo   "&#8221;">
  <!ENTITY pound   "&#163;">
  <!ENTITY yen     "&#165;">
  <!ENTITY euro    "&#8364;">
] >
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:output method="html" encoding="utf-8" doctype-public="-
//W3C//DTD XHTML 1.0 Transitional//EN" doctype-
system="http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd"/>

<xsl:template match="/">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8"/>
<title>Naredba if</title>
</head>
<body>
<h2>Moja CD kolekcija</h2>
<table border="1">
  <tr bgcolor="#9acd32">
    <th>Ime albuma</th>
    <th>Izvođača</th>
  </tr>
  <xsl:for-each select="catalog/cd">
    <xsl:if test="price > 10">
      <tr>
        <td><xsl:value-of select="title"/></td>
        <td><xsl:value-of select="artist"/></td>
      </tr>
    </xsl:if>
  </xsl:for-each>
</table>
</body>
</html>
</xsl:template>

</xsl:stylesheet>
```

## Primjer 26

### • Dobijeni dokument: poem.xml

```
<?xml version="1.0" encoding="iso-8859-1"?>
<poem>
  <author>Rupert Brooke</author>
  <date>1912</date>
  <title>Hladnoca</title>
  <stanza>
    <line>I iznenada vjetar dolazi mekan, </line>
    <line>I proljece je ovjde ponovo</line>
    <line>I glog pospjeva sa pupoljkom zelenim</line>
    <line>I moje srce sa pupoljkom bola. </line>
  </stanza>
  <stanza>
    <line>My heart all Winter lay so numb, </line>
    <line>The earth so dead and frore, </line>
    <line>That I never thought the Spring would come again</line>
    <line>Or my heart wake any more. </line>
  </stanza>
  ...
</poem>
```

### • Traženi izgled u web browseru (svaki drugi stih uvući pet milimetara)

## Hladnoca

### Od Rupert Brooke

I iznenada vjetar dolazi mekan,  
I proljece je ovjde ponovo  
I glog pospjeva sa pupoljkom zelenim  
I moje srce sa pupoljkom bola.

My heart all Winter lay so numb,  
The earth so dead and frore,  
That I never thought the Spring would come again  
Or my heart wake any more.

But Winter's broken and earth has woken,  
And the small birds cry again;  
And the hawthorn hedge puts forth its buds,  
And my heart puts forth its pain.

1912

### • Prepravljeni XML dokument

```
<?xml version="1.0" encoding="iso-8859-1"?>
<?xml-stylesheet type="text/xsl" href="stil_za_pjesmu.xsl"?>
...
```

### • Rješenje: stil\_za\_pjesmu.xsl

```
<?xml version="1.0" encoding="iso-8859-1"?>
<xsl:stylesheet
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  version="1.0">
  <xsl:template match="poem">
    <html>
      <head>
        <title><xsl:value-of select="title"/></title>
      </head>
      <body>
        <xsl:apply-templates select="title"/>
        <xsl:apply-templates select="author"/>
        <xsl:apply-templates select="stanza"/>
        <xsl:apply-templates select="date"/>
      </body>
    </html>
  </xsl:template>
  <xsl:template match="title">
    <div align="center"><h1><xsl:value-of
  select="." /></h1></div>
  </xsl:template>
  <xsl:template match="author">
    <div align="center"><h2>Od <xsl:value-of
  select="." /></h2></div>
  </xsl:template>
  <xsl:template match="date">
    <p><i><xsl:value-of select="." /></i></p>
  </xsl:template>
  <xsl:template match="stanza">
    <p><xsl:apply-templates select="line" /></p>
  </xsl:template>
  <xsl:template match="line">
    <xsl:if test="position() mod 2 =
  0">&#160; &#160; &#160; &#160; &#160; </xsl:if>
    <xsl:value-of select="." /><br/>
  </xsl:template>
</xsl:stylesheet>
```