

**Dados Semi-Estruturados e XML**  
**Vanessa Braganholo**

**Lista de Exercícios 7**  
**XSLT**

Analise os templates XSLT abaixo, que serão aplicados sobre o documento XML de cursos mostrado a seguir. Qual o resultado de cada uma das transformações ditas pelos templates A, B, C e D?

**Templates XSLT** (assuma que os namespaces foram declarados corretamente – eles foram omitidos aqui para simplificar a questão)

<p><b>Template (A)</b></p> <pre>&lt;xsl:stylesheet&gt; &lt;/xsl:stylesheet&gt;</pre>	<p><b>Template (B)</b></p> <pre>&lt;xsl:stylesheet&gt;   &lt;xsl:template match="course"&gt;     Curso: &lt;xsl:value-of select="prefix"/&gt;   &lt;/xsl:template&gt; &lt;/xsl:stylesheet&gt;</pre>
<p><b>Template (C)</b></p> <pre>&lt;xsl:stylesheet&gt;  &lt;xsl:template match="text()"/&gt;  &lt;xsl:template match="room"&gt;   &lt;xsl:value-of select="."/&gt; &lt;/xsl:template&gt;  &lt;/xsl:stylesheet&gt;</pre>	<p><b>Template D</b></p> <pre>&lt;xsl:stylesheet&gt;  &lt;xsl:template match="text()"/&gt;  &lt;xsl:template match="*" /&gt;  &lt;xsl:template match="room"&gt;   &lt;xsl:value-of select="."/&gt; &lt;/xsl:template&gt;  &lt;/xsl:stylesheet&gt;</pre>

**Documento XML:**

```
<root>
<course>
  <footnote></footnote>
  <sln>10637</sln>
  <prefix>ACCTG</prefix>
  <crs>230</crs>
  <lab></lab>
  <sect>01</sect>
  <title>INT FIN ACCT</title>
  <credit>3.0</credit>
  <days>TU,TH</days>
  <times>
    <start>7:45</start>
    <end>9</end>
  </times>
  <place>
    <bldg>TODD</bldg>
    <room>230</room>
```

```
</place>
<instructor>B. MCELLOWNEY</instructor>
<limit>0112</limit>
<enrolled>0108</enrolled>
</course>
```

```
<course>
<footnote></footnote>
<sln>10751</sln>
<prefix>ACCTG</prefix>
<crs>231</crs>
<lab></lab>
<sect>04</sect>
<title>INT MAN ACCT</title>
<credit>3.0</credit>
<days>M,W,F</days>
<times>
  <start>11:10</start>
  <end></end>
</times>
<place>
  <bldg>TODD</bldg>
  <room>320</room>
</place>
<instructor>J. MCELLOWNEY</instructor>
<limit>0070</limit>
<enrolled>0069</enrolled>
</course>
</root>
```