

Solution – Exercise 7

Q1. a) Restyle this xml document: Reorder the PDF lectures according to their title.

```
...
<xsl:template match="script">
  <xsl:apply-templates select="section">
    <xsl:sort select="@pdf"/> <!-- or if there is a 'title' child we can do sort="title" -->
  </xsl:apply-templates>
</xsl:template>
...
```

b) Number the lessons with 1., 2., 3. and so on.

```
...
<xsl:template match="script">
  <xsl:number level="single" count="section" format="1." />
  <xsl:value-of select="section"/>
...
```

c) Create a hyperlink which contains the text of the title and links to the Learn Web

```
...
<xsl:template match="script">
  <a href="https://www.uni-hildesheim.de/learnweb/" >
  <xsl:value-of select="section"/></a> <!-- or if there is a 'title' child -->
...
```

Q2. Apply the given XSLT document to the given XML document. And write down the resulting XML document.

```
<html>
  <h1>My funny Valintine </h1>
  Artist: <a href="http://chetbaker.com">Chet Baker</a>
  <table>
    <tr>
      <td>My Funny Valentine</td> <td>(00:03:20)</td>
    </tr>
    <tr>
      <td>Someone To Watch Over Me</td> <td>(00:02:58)</td>
    </tr>
    <tr>
      <td>Moonlight Becomes You</td> <td>(00:03:51)</td>
    </tr>
  </table>
</html>
```