Week 9 worksheet

(XML and XSLT)

Create a table using XML and XSLT containing information about your course

coursecatalog.xml:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="coursecatalog.xsl"?>
<course>
  <c>
      <left>Course Name</left>
      <right>XML and XSL</right>
  </c>
  <c>
   <left>Course Schedule</left>
   <right>Mondays 4:30 to 7:15</right>
  </c>
  <c>
   <left>Online link</left>
   <right>https://meet.google.com/</right>
  </c>
  <c>
   <left>Instructor</left>
   <right>Dr. S. Krishnaveni</right>
  </c>
  <c>
   <left>Office</left>
   <right>UB 1204</right>
  </c>
  <c>
   <left>E-mail</left>
   <right>amudhas@srmist.edu.in</right>
```

```
   </c>
   <c>
    <left>Contact Number</left>
    <right>9791994531</right>
   </c>
   <c>
    <left>Working hours</left>
    <right>7 hours</right>
   </c>
</course>
```

coursecatalog.xsl:

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

<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<xsl:template match="/">
  <html>
  <body>
  <center><h2>Course details</h2>
  <table border="1">
      <xsl:for-each select="course/c">
      <tr>
      <td><xsl:value-of select="left"/></td>
      <td><xsl:value-of select="right"/></td>
      </tr>
      </xsl:for-each>
  </table></center>
  </body>
  </html>
</xsl:template>

</xsl:stylesheet>
```

Output:

The above XSL file presents the information contained in the XML file in a tabular format. Given below is the output.

Course Name	XML and XSL
Course Schedule	Mondays 4:30 to 7:15
Online link	https://meet.google.com/
Instructor	Dr. S. Krishnaveni
Office	UB 1204
E-mail	amudhas@srmist.edu.in
Contact Number	9791994531
Working hours	7 hours