

## Sample Programs – XML and XSL – B.Tech(IT) – WinterSemester(2014-15)

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### **Book.xml**

```
<?xml-stylesheet type="text/xsl" href="book.xsl"?>
<bookshop>
  <book>
    <title>Java</title>
    <author>Herbet Schildt</author>
    <publisher>TMH</publisher>
    <price>400</price>
    <year>2005</year>
  </book>
  <book>
    <title>C++</title>
    <author>Balagurusamy</author>
    <publisher>Pearson</publisher>
    <price>300</price>
    <year>2008</year>
  </book>
  <book>
    <title>WebTech</title>
    <author>URL Reference</author>
    <publisher>Prentice Hall</publisher>
    <price>500</price>
    <year>2011</year>
  </book>
</bookshop>
```

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### **Book.xsl**

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

<xsl:template match="/">
  <html>
  <body>
  <h2>My Library </h2>
  <table border="1">
    <tr bgcolor="#9acd32">
      <th>Title</th>
      <th>Author</th>
      <th>Price</th>
    </tr>
    <xsl:for-each select="bookshop/book">
      <tr>
        <xsl:sort select="title"/>
        <td><xsl:value-of select="title"/></td>
        <td><xsl:value-of select="author"/></td>
        <td><xsl:value-of select="price"/></td>
      </tr>
    </xsl:for-each>
  </table>
  </body>
</html>
</xsl:template>

</xsl:stylesheet>
```

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### Catalog.xml

```
<?xml-stylesheet type="text/xsl" href="catalog1.xsl"?>
```

```
<catalog>
  <cd>
    <title>Empire Burlesque</title>
    <artist>Bob Dylan </artist>
    <country>USA</country>
    <company>Columbia</company>
    <price>100</price>
    <year>1985</year>
  </cd>
  <cd>
    <title>Chotta Bheem</title>
    <artist>Cartoon</artist>
    <country>UK</country>
    <company>Green Thunder</company>
    <price>150</price>
    <year>2015</year>
  </cd>
</catalog>
```

### Catalog.xsl

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

```
<xsl:template match="/">
  <html>
    <body>
      <h2>My Catalog </h2>
      <table border="1">
        <tr bgcolor="#9acd32">
          <th>Title</th>
          <th>Artist</th>
          <th>Country</th>
        </tr>
        <xsl:for-each select="catalog/cd">
          <xsl:sort select="title"/>
          <tr>
            <td><xsl:value-of select="title"/></td>
            <td><xsl:value-of select="artist"/></td>
            <td><xsl:value-of select="country"/></td>
          </tr>
        </xsl:for-each>
      </table>
    </body>
  </html>
</template>
```

Done by S.Hemalatha/AP(SG)/SITE

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