

Practical - 10

Q1) Do the following:

- 1. Create a XML file to store library information. Also write DTD and XML schema for the same file.**
- 2. Create an XSLT style sheet for the above XML document (Sr. 19) and also display the content of file in tabular form in webpage.**

Prac10.xsl

```
<?xml version="1.0"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
<xsl:template match="/">
<html>
<head>
<title>naga</title>
</head>
<body>
<table border="1" width="100%">
  <tr >
    <th > Title of the book</th>
    <th >Author Name</th>
    <th >ISBN Number</th>
    <th >Publisher name</th>
    <th >Edition</th>
    <th >Price</th>
  </tr>
  <xsl:for-each select="data/inner">
    <tr >
      <td style="text-align:center">
        <xsl:value-of select="title" />
      </td>
      <td style="text-align:center">
        <b><xsl:value-of select="author" /></b>
      </td>
      <td style="text-align:center">
        <xsl:value-of select="isbn" />
      </td>
      <td style="text-align:center">
```

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        <xsl:value-of select="pname"/>
      </td>
      <td style="text-align:center">
        <xsl:value-of select="edition"/></td>
      <td style="text-align:center">
        <xsl:value-of select="price"/>
      </td>
    </tr>
  </xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>

```

Lib.dtd

```

<! ELEMENT data (inner)>
<! ELEMENT inner (title, author, isbn, pname, edition, price)>
<! ELEMENT title (#PCDATA)>
<! ELEMENT author (#PCDATA)>
<! ELEMENT isbn (#PCDATA)>
<! ELEMENT pname (#PCDATA)>
<! ELEMENT edition (#PCDATA)>
<! ELEMENT price (#PCDATA)>

```

Output:



Title of the book	Author Name	ISBN Number	Publisher name	Edition	Price
Java server pages	HANS BERGSTEN	5466	pearson	2nd	455
Computer Networks	ANDREW S TANENBUM	7899	Person Education	4 th	500