

1. Create an XML document which includes at least five students' information (Name, Age, Gender, Faculty, Address).
2. Validate the above XML using DTD.
3. Create XML Schema (xsd) of the following XML document.

```
<?xml version="1.0"?>
<note xmlns=http://www.w3schools.com xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance xsi:schemaLocation="http://www.w3schools.com note.xsd">
<bookstore>
  <book category="COOKING">
    <title lang="en">Everyday Italian</title>
    <author>Giada De Laurentiis</author>
    <year>2005</year>
    <price>30.00</price>
  </book>
  <book category="CHILDREN">
    <title lang="en">Harry Potter</title>
    <author>J K. Rowling</author>
    <year>2005</year>
    <price>29.99</price>
  </book>
  <book category="WEB">
    <title lang="en">Learning XML</title>
    <author>Erik T. Ray</author>
    <year>2003</year>
    <price>39.95</price>
  </book>
</bookstore>
```

4. For the above XML document (Question 3), write XSLT to transform XML into HTML Table.