COHORT-2

ENTERPRISE PROGRAMMING

1. To create a simple XML document to display the address book.
2. To create a xml document and database for importing and exporting xml document into database.
3. To create a simple XSLT transformation from XSL to XML.
4. Create a XSD and DTD for Student information as given below xml document.

<student>--->root element

<regno>170024</regno> -->integer

<name>Ramu</name> -->string

<avg>92</avg> -->decimal

<dob>15-08-1992</dob> -->date

<time></time> -->time

<mobile no="9849984900"/> -->complexType ( -->ineteger)

<distinction>YES</distinction> -->boolean

</student>

5.Create XML document which store the information about

Library/Bookstore. more than 5 books.

books.xml

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<bookstore>

<book category="">

<title></title>

<author></author>

<year></year>

<price></price>

</book>

</bookstore>

6.Create XML document which store the information about

employee. more than 5.(Self descriptive)

Q1)

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

<addressbook>

<emp1>

<name>Karthick</name>

<doorno>No-2/57</doorno>

<street>Vinayakam St</street>

<area>Teynampet</area>

<city>Chennai-600020</city>

<state>Tamil Nadu</state>

<country>India</country>

<phoneno>909583625</phoneno>

</emp1>

</addressbook>

Q2)

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

<student-data xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<record>

<Name>Karthi</Name>

<Age>19</Age>

<Major>Chemistry</Major>

<GPA>8.8</GPA>

</record>

<record>

<Name>Raj</Name>

<Age>23</Age>

<Major>Maths</Major>

<GPA>5.5</GPA>

</record>

</student-data>

**3. To create a simple XSLT transformation from XSL to 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>  
<h2>My CD Collection</h2>  
<table border="1">  
<trbgcolor="#9acd32">  
<th>Title</th>  
<th>Artist</th>  
</tr>  
<xsl:for-each select="catalog/cd">  
<tr>  
<td><xsl:value-of select="title"/></td>  
<td><xsl:value-of select="artist"/></td>  
</tr>  
</xsl:for-each>  
</table>  
</body>  
</html>  
</xsl:template>  
  
</xsl:stylesheet>

5.Create XML document which store the information about

Library/Bookstore. more than 5 books.

**bookstore.xml**

<bookstore>

            <book>

                        <title>web programming</title>

                        <author>chrisbates</author>

                        <ISBN>123-456-789</ISBN>

                        <publisher>wiley</publisher>

                        <edition>3</edition>

                        <price>350</price>

            </book>

            <book>

                        <title>internet worldwideweb</title>

                        <author>ditel&amp;ditel</author>

                        <ISBN>123-456-781</ISBN>

                        <publisher>person</publisher>

                        <edition>3</edition>

                        <price>450</price>

            </book>

</bookstore>

**bookstore.dtd**

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

<!ELEMENT bookstore (book+)>

<!ELEMENT book (title,author,ISBN,publisher,edition,price)>

<!ELEMENT title (#PCDATA)>

<!ELEMENT author (#PCDATA)>

<!ELEMENT ISBN (#PCDATA)>

<!ELEMENT publisher (#PCDATA)>

<!ELEMENT edition (#PCDATA)>

<!ELEMENT price (#PCDATA)>