WEEK -5

Xml file to display the

book information.

AIM:

Write an XML file which will display the Book information which includes the following:

1. Title of the book

ii) Author Name

iii) ISBN number

iv) Edition

v) Price Write a Document Type Definition (DTD) to validate the above XML file.

Display the XML file as follows. The contents should be displayed in a table. The header of the table should be in color GREY. And the Author names column should be displayed in one color and should be capitalized and in bold. Use your own colors for remaining columns. Use XML schemas XSL and CSS for the above purpose. Note: Give at least for 4 books. It should be valid syntactically. Hint: You can use some xml editors like XML-spy

DESCRIPTION:creating xml,dtd and xsl files for displaying the

Details of the book.

SOURCE CODE:

Xml file:

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

<!DOCTYPE bookinfo SYSTEM "bookinfo.dtd">

//<?xml-stylesheet type="text/css" href="books.css"?>

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

<book>

<bookheading>

<Title >TITLE</Title>

<Author>AUTHOR</Author>

<ISBN>ISBN</ISBN>

<Edition>EDITION</Edition>

<Price>PRICE</Price>

</bookheading>

<bookinfo>

<Title>DBMS</Title>

<Author>JXYZ</Author>

<ISBN>1234</ISBN>

<Edition>7</Edition>

<Price>RS.700</Price>

</bookinfo>

<bookinfo>

<Title>computer orginisation </Title>

<Author>JXY</Author>

<ISBN>123</ISBN>

<Edition>5</Edition>

<Price>RS.500</Price>

</bookinfo>

<bookinfo>

<Title>web programming</Title>

<Author>JYZ</Author>

<ISBN>124</ISBN>

<Edition>6</Edition>

<Price>RS.600</Price>

</bookinfo>

<bookinfo>

<Title>UNIX</Title>

<Author>XYZ</Author>

<ISBN>134</ISBN>

<Edition>3</Edition>

<Price>RS.900</Price>

</bookinfo>

</book>

DTD File:

<!ELEMENT book(bookinfo,bookheading)>

<!ELEMENT bookinfo(Title1,Author,ISBN,Edition,Price)>

<!ELEMENT bookheading(Title1,Author,ISBN,Edition,Price)>

<!ELEMENT Title1 (#PCDATA)>

<!ELEMENT Author (#PCDATA)>

<!ELEMENT ISBN (#PCDATA)>

<!ELEMENT Edition (#PCDATA)>

<!ELEMENT Price (#PCDATA)>

<!ATTLIST bookinfo bookid id #REQUIRED>

XSL File:

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

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<html>

<head>

<title>Books System</title>

</head>

<body>

<h1>Book Informations</h1>

<table border="1">

<tr>

<th>Title</th>

<th>Author</th>

<th>ISBN</th>

<th>Edition</th>

<th>Price</th>

</tr>

<xsl:for-each select="book/bookinfo">

<tr>

<td>

<xsl:value-of select="Title"/>

</td>

<td>

<xsl:value-of select="Author"/>

</td>

<td>

<xsl:value-of select="ISBN"/>

</td>

<td>

<xsl:value-of select="Edition"/>

</td>

<td>

<xsl:value-of select="Price"/>

</td>

</tr>

</xsl:for-each>

</table>

</body>

</html>

</xsl:stylesheet>

OUTPUT:

