Name: Sai Yashwanth Velpuri

Reg No.: RA1711003010949

**Simple applications using XML.**

**book\_internal\_dtd.xml**

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

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

<!DOCTYPE books [

<!ELEMENT books (book)\*>

<!ELEMENT book (Title, Author, Genre, Copyright, Edition, Isbn, Publisher, Price)>

<!ELEMENT Title (#PCDATA)>

<!ELEMENT Author (#PCDATA)>

<!ELEMENT Genre (#PCDATA)>

<!ELEMENT Copyright (#PCDATA)>

<!ELEMENT Edition (#PCDATA)>

<!ELEMENT Isbn (#PCDATA)>

<!ELEMENT Publisher (#PCDATA)>

<!ELEMENT Price (#PCDATA)>

]>

<books>

<book>

<title> To Kill a Mockingbird </title>

<author><b> HARPER LEE </b></author>

<genre> Thriller </genre>

<copyright> 1960 </copyright>

<edition> First </edition>

<isbn> 978-0446310789 </isbn>

<publisher> J.B.Lippincott </publisher>

<price> 400 </price>

</book>

<book>

<title> Java Server Page </title>

<author> HANS BERGSTEN </author>

<genre> Education </genre>

<copyright> 2001</copyright>

<edition> First </edition>

<isbn> 9780596002312 </isbn>

<publisher> O'relilly </publisher>

<price> 2400 </price>

</book>

<book>

<title> The Alchemist </title>

<author> PAULO COEHLO </author>

<genre> Sci-fi </genre>

<copyright> 2020 </copyright>

<edition> First </edition>

<isbn> 978-04202010789 </isbn>

<publisher> HarperCollins </publisher>

<price> 250 </price>

</book>

<book>

<title> Five Point Someone</title>

<author> CHETAN BHAGAT </author>

<genre> Humour </genre>

<copyright> 2014 </copyright>

<edition> First </edition>

<isbn> 9788129135490;</isbn>

<publisher> Rupa Publications </publisher>

<price> 300 </price>

</book>

<book>

<title> Five Go Adventuring Again</title>

<author> ENID BLYTON </author>

<genre> Mystery </genre>

<copyright> 1960 </copyright>

<edition> First </edition>

<isbn> 978-0446310789 </isbn>

<publisher>Hodder and Stoughton</publisher>

<price> 100 </price>

</book>

</books>

**books.xsl**

<?xml version="1.0" encoding="iso-8859-1"?>

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

<xsl:template match="/">

<html>

<head>

<title> books </title></head>

<body>

<table border="1" bgcolor="#4D1E04 " >

<tr style="color:#D9D9D9 "><th>Title</th>

<th> Author </th>

<th> Genre </th>

<th> Copyright </th>

<th> Edition </th>

<th> ISBN </th>

<th>publisher</th>

<th>price</th>

</tr>

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

<tr>

<td bgcolor="#FFAD18"><xsl:value-of select="title"/></td>

<td bgcolor="#15317E" style="color:#D9D9D9 "><b><xsl:value-of select="author"/></b></td>

<td bgcolor="#FFAD18" ><xsl:value-of select="genre"/></td>

<td bgcolor="#FFAD18"><xsl:value-of select="copyright"/></td>

<td bgcolor="#FFAD18"><xsl:value-of select="edition" /></td>

<td bgcolor="#FFAD18"><xsl:value-of select="isbn" /></td>

<td bgcolor="#FFAD18"><xsl:value-of select="publisher"/></td>

<td bgcolor="#FFAD18"><xsl:value-of select="price" /></td>

</tr>

</xsl:for-each>

</table>

</body>

</html>

</xsl:template>

</xsl:stylesheet>