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Question:

Following table represents information of Bookstore with 4 sample records; each book has Category, Title, Author(one or more), Year and Price. Read the table carefully and make and implement the programs for the following:

- Create xml file for Bookstore.
- Display the contents of table as given in the following using Extensible Stylesheet Language Transformations (XSLT).

Category	Title	Author	Year	Price in rupees
Cooking	Everyday Italian	Giada De Laurentiis	2005	30.00
Children	Harry Potter	J K. Rowling	2005	29.99
Web1	XQuery Kick Start	James McGovern,Per	2003	49.50
Web2	Learning XML	Erik T. Ray	2003	39.00

Solution:

Bookstore.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="bookstore.xsl"?>
```

```
<bookstore>
  <book>
    <Category>Cooking</Category>
    <title>Everyday Italian</title>
    <author>Giada De Laurentiis</author>
    <price>30.00</price>
    <year>2005</year>
  </book>
  <book>
    <Category>Children</Category>
    <title>Harry Potter</title>
    <author>J K. Rowling</author>
    <price>29.99</price>
    <year>2005</year>
  </book>
  <book>
```

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```
<Category>Web1</Category>
<title>XQuery Kick Start</title>
<author>James McGovern,Per Bothner</author>
<price>49.50</price>
<year>2003</year>
</book>
<book>
  <Category>Web2</Category>
  <title>Learning XML</title>
  <author>Erik T. Ray</author>
  <price>39.00</price>
  <year>2003</year>
</book>
</bookstore>
```

Bookstore.html:

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:output method="html"/>
  <xsl:template match="/">
    <html>
    <body>
      <h2>Bookstore</h2>
      <table border="1">
        <tr bgcolor="#9acd32">
          <th style="text-align:left">Category</th>
          <th style="text-align:left">Title</th>
          <th style="text-align:left">author</th>
          <th style="text-align:left">price</th>
          <th style="text-align:left">year</th>
        </tr>
        <xsl:for-each select="bookstore/book">
          <tr>
            <td><xsl:value-of select="Category"/></td>
            <td><xsl:value-of select="title"/></td>
            <td><xsl:value-of select="author"/></td>
            <td><xsl:value-of select="price"/></td>
            <td><xsl:value-of select="year"/></td>
```

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```
</tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```

Output:

Bookstore

Category	Title	author	price	year
Cooking	Everyday Italian	Giada De Laurentiis	30.00	2005
Children	Harry Potter	J K. Rowling	29.99	2005
Web1	XQuery Kick Start	James McGovern,Per Bothner	49.50	2003
Web2	Learning XML	Erik T. Ray	39.00	2003