

## Week-10

**Aim:** To create a table using XML

**Code:**

Books.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="Rule.css"?>
<books>
  <head>WELCOME</head>
  <heading1>Some of the books available are:</heading1>
  <book>
    <title>Title: The Monogram Murders</title>
    <author>Author: Agatha Christie</author>
    <publisher>Publisher: Harper Collins</publisher>
    <price>Price: 850</price>
  </book>
  <book>
    <title>Title: The Tempest</title>
    <author>Author: William Shakespeare</author>
    <publisher>Publisher: Britnnica</publisher>
    <price> Price: 1100</price>
  </book>
  <book>
    <title>Title: Fault in Our Stars</title>
    <author>Author: John Green</author>
    <publisher>Publisher: Penguin Books</publisher>
    <price>Price: 800</price>
  </book>
  <book>
    <title>Title: Around the World In Eighty Days</title>
    <author>Author: Jules Verne</author>
    <publisher>Publisher: Pierre-Jules Hetzel</publisher>
    <price>Price: 1000</price>
  </book>
```

```
<book>
  <title>Title: Hamlet</title>
  <author>Author: William Shakespeare</author>
  <publisher>Publisher: Britnnica</publisher>
  <price>Price: 1500</price>
</book>
<book>
  <title>Title: Hunger Games (1-3)</title>
  <author>Author: Suzanne Collins</author>
  <publisher>Publisher: Scholastic Press</publisher>
  <price>Price: 1200</price>
</book>
<book>
  <title>Title: Merchant of Venice</title>
  <author>Author: William Shakespeare</author>
  <publisher>Publisher: Thomas Heyes</publisher>
  <price>Price: 1500</price>
</book>
<book>
  <title>Title: Pride and Prejudice</title>
  <author>Author: Jane Austen</author>
  <publisher>Publisher: Thomas Egerton</publisher>
  <price>Price: 1100</price>
</book>
<book>
  <title>Title: The Invisible Man</title>
  <author>Author: Ralph Ellison</author>
  <publisher>Publisher: Edward Arnold</publisher>
  <price>Price: 1200</price>
</book>
<book>
  <title>Title: Treasure Island</title>
  <author>Author: Robert Louis Stevenson</author>
  <publisher>Publisher: Cassell and Co</publisher>
  <price>Price: 1200</price>
</book>
<book>
```

```
        <title>Title: Romeo And Juliet</title>
        <author>Author: William Shakespeare</author>
        <publisher>Publisher: Thomas Creede</publisher>
        <price>Price: 1500</price>
    </book>
</books>
```

Rule.css

```
books {
    color: #5E5A80;
    background-color : #E0B0FF;
    width: 100%;
}
book {
    display: block;
    border: 2px solid silver;
    margin:0.5em;
    padding:0.5em;
    background-color:#E6A9EC;
}
head {
    background-color : #8D38C9;
    color: #4B0082;
    font-size : 40px;
    text-align:center;
}
heading1{
    color: #4B0082;
    font-size: 30px;
    margin-left:580px;
    font-weight: bold;
}
head, author, publisher, edition, title, price {
    display : block;
    text-align:center;
}
```

```

title {
    font-size : 25px;
    font-weight : bold;
    text-align:center;
}

```

**Output:**

The screenshot displays a web browser window at the top and the Eclipse IDE at the bottom. The browser shows a purple-themed page with the title 'WELCOME' and a list of books. The IDE shows the XML file 'Books.xml' with a tree view on the left and the XML content in the main editor. The XML content is as follows:

```

<?xml version="1.0" encoding="UTF-8" type="text/css" href="Rule.css">
<head>
<heading1>WELCOME
Some of the books available are:
</heading1>
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</title>
<author>Author: Agatha Christie
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</book>
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<publisher>Publisher: Penguin Books
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<author>Author: William Shakespeare
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<publisher>Publisher: Brittnica
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<price>Price: 1500
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</book>
<book>
<title>Title: Hunger Games (1-3)
</title>
<author>Author: Suzanne Collins
</author>
<publisher>Publisher: Scholastic Press
</publisher>
<price>Price: 1200
</price>
</book>
</books>
</xml>

```