Web Programming

Laboratory Weekly Report

Week 10

**XML**

Aim: To design a functional library management system

Techniques Used: Java Servelets

Screenshot:

A picture containing timeline

Description automatically generated

A picture containing timeline

Description automatically generated

Code for 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>

Code for Rule.css:

books {

color: #5E5A80;

background-color : #3babdb;

width: 100%;

}

book {

display: block;

border: 2px solid silver;

margin:0.5em;

padding:0.5em;

background-color:#4ec42d;

}

head {

background-color : #1d7296;

color: #2e9911;

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;

}