

**K. J. Somaiya College of Engineering, Mumbai-77**  
(A Constituent College of Somaiya Vidyavihar University)

## **EESHANYA JOSHI**

**TITLE: Design the static web pages with the help of HTML5**

**AIM: Design the static web pages with the help of HTML5.**

**Example:**

A) Design the following static web pages required for your WPL Mini Project

For Example Online Book store web site.

1) HOME PAGE:

2) LOGIN PAGE:

3) CATALOGUE PAGE: The catalogue page should contain the details of all the books available in the web site in a table.

4) REGISTRATION PAGE

B) Create a table to show your class timetable.

**Expected Outcome of Experiment:** Design static web pages using various HTML tags.

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**Books/ Journals/ Websites referred:**

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**Problem Statement:**

To create a sample static bookstore and a timetable of class A for the understanding of basic html tags and css frameworks.

**SOURCE-CODE OF BOOKSTORE:**

**REGISTER PAGE:**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Registration - Online Bookstore</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-image: url('online-bookstore.jpg');
            background-size: cover;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
        }

        form {
            background-color: rgba(255, 255, 255, 0.8);
            padding: 20px;
            border-radius: 8px;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
            width: 300px;
        }

        label {
            display: block;
            margin-bottom: 8px;
            font-weight: bold;
        }

        input {
            width: 100%;
            padding: 8px;
            margin-bottom: 16px;
            box-sizing: border-box;
        }

        button {
```

```

background-color: #4CAF50;
color: #fff;
padding: 10px;
border: none;
border-radius: 4px;
cursor: pointer;
width: 100%;
}

button:hover {
    background-color: #45A049;
}
</style>
</head>
<body>

<form action="bookstore.html" method="post">
<h2>Registration - Online Bookstore</h2>
<label for="username">Username:</label>
<input type="text" id="username" name="username" required>
<label for="email">Email:</label>
<input type="email" id="email" name="email" required>
<label for="password">Password:</label>
<input type="password" id="password" name="password" required>
<button type="submit">Register</button>
</form>
<a href="index1.html"></a>

</body>
</html>

```

### **BOOKSTORE PAGE:**

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Online Bookstore</title>
    <style>
        p{
            color: black;
        }
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
            background-color: #f4f4f4;
        }
    </style>

```

```
header {
    background-color: rgb(181, 101, 29);
    color: #fff;
    padding: 10px;
    text-align: center;
}

section {
    padding: 20px;
}

h2 {
    color: black;
}

.featured-books {
    display: flex;
    justify-content: space-between;
    flex-wrap: wrap;
}

.book {
    width: 30%;
    margin-bottom: 20px;
    background-color: #fff;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    border-radius: 8px;
    overflow: hidden;
}

.book img {
    width: 100%;
    height: 70%;
    object-fit: cover;
}

.book-info {
    padding: 10px;
}

footer {
    background-color: rgb(181, 101, 29);
    color: #fff;
    padding: 10px;
    text-align: center;
}

/* Styles for frames */
```

```
.frames-container {
    display: flex;
    justify-content: space-between;
}

.frame {
    width: 30%;
    margin: 20px;
    background-color:white;
    border-radius: 8px;
    overflow: hidden;
}

.frame img {
    width: 100%;
    height: 150px;
    object-fit: cover;
}

.frame-content {
    padding: 10px;
}

.feedback-frame {
    width: 30%;
    margin: 20px;
    background-color: #fff;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    border-radius: 8px;
    overflow: hidden;
}

.feedback-frame img {
    width: 100%;
    height: 150px;
    object-fit: cover;
}

.feedback-frame-content {
    padding: 10px;
}

.feedback-button {
    background-color: #4caf50;
    color: #fff;
    padding: 10px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}
```

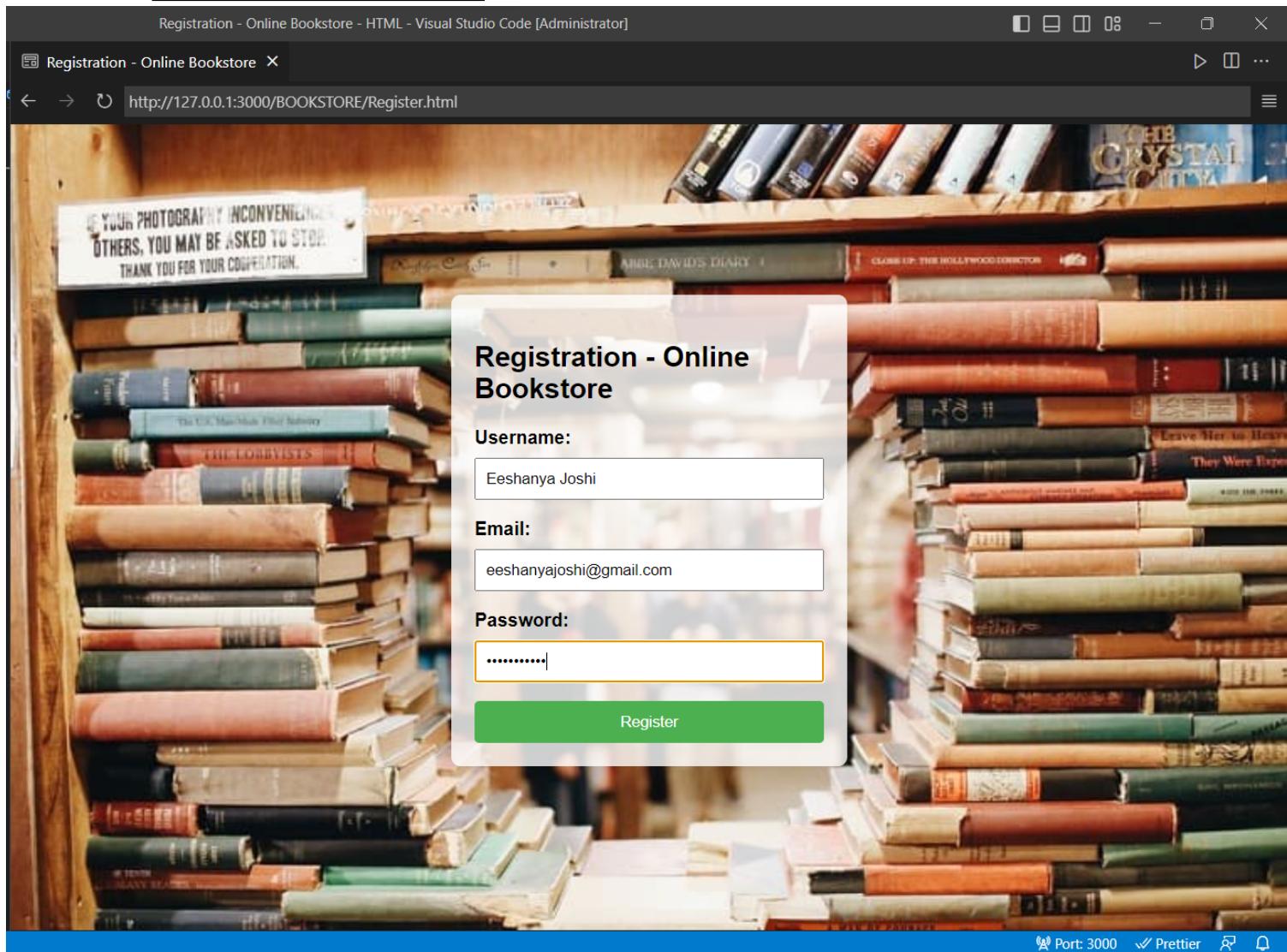
```
        width: 100%;  
    }  
  
.feedback-button:hover {  
    background-color: #45a049;  
}  
</style>  
</head>  
<body>  
  
<header>  
    <h1> Bookstore</h1>  
</header>  
  
<section>  
    <h2>Featured Books</h2>  
    <div class="featured-books">  
        <div class="book">  
              
            <div class="book-info">  
                <h3>Atomic Habits</h3>  
                <p>Author: James Clear</p>  
                <p>Price: Rs.300</p>  
            </div>  
        </div>  
        <div class="book">  
              
            <div class="book-info">  
                <h3>Rich dad Poor dad</h3>  
                <p>Author: Robert T.Kiyosaki</p>  
                <p>Price: Rs.450</p>  
            </div>  
        </div>  
        <div class="book">  
              
            <div class="book-info">  
                <h3>Harry Potter: The goblet of fire</h3>  
                <p>Author: J.K Rowling</p>  
                <p>Price: Rs.700</p>  
            </div>  
        </div>  
    </div>  
</section>  
  
<footer>  
    <p>&copy; 2024 Online Bookstore. All rights reserved.</p>  
<div class="frames-container">
```

```
<div class="frame">
  <div class="frame-content">
    <h2>Location</h2>
    <p>Our bookstore is located in Thane. Visit us!</p>
  </div>
</div>
<div class="frame">
  <div class="frame-content">
    <h2>About Us</h2>
    <p>BUY BOOKS.</p>
  </div>
</div>
<div class="feedback-frame">
  <div class="feedback-frame-content">
    <h2>Feedback</h2>
    <p>Share your thoughts with us!</p>
    <button class="feedback-button">Give Feedback</button>
  </div>
</div>
</div>
</body>
</html>
```

### Description of the application implemented with output:

When the register page is opened, a registration form appears which tells the user to enter his/her name email id and to create a password. Then, after completion of this process, a new page opens which shows the catalogue containing a few books, provides the location of the bookstore and it also provides a small feedback form. The user can purchase the desired books along with completing other processes.

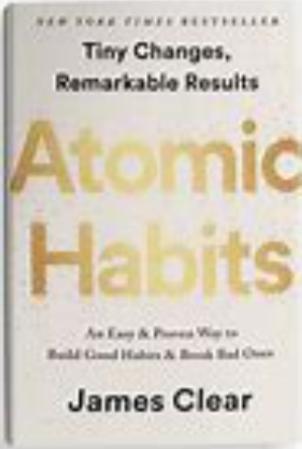
## **OUTPUT SCREENSHOTS:**



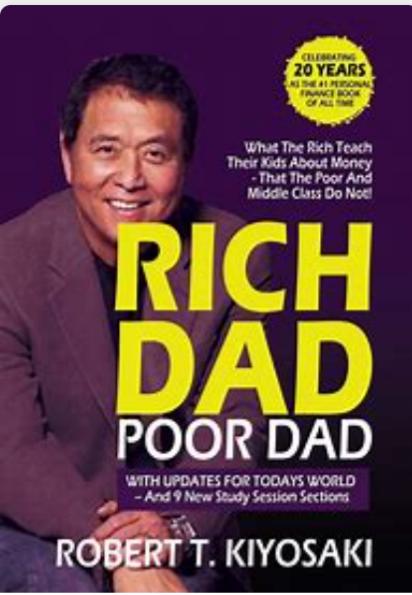
Online Bookstore X http://127.0.0.1:3000/BOOKSTORE/bookstore.html

# Bookstore

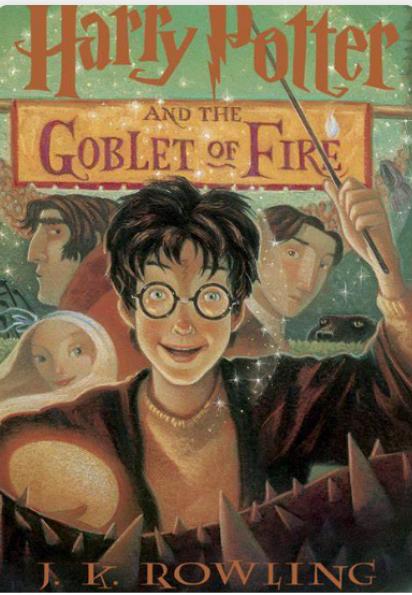
## Featured Books



Tiny Changes, Remarkable Results  
**Atomic Habits**  
An Easy & Proven Way to Build Good Habits & Break Bad Ones  
**James Clear**



CELEBRATING 20 YEARS AS THE #1 PERSONAL FINANCE BOOK OF ALL TIME  
What The Rich Teach Their Kids About Money - That The Poor And Middle Class Do Not!  
**RICH DAD POOR DAD**  
WITH UPDATES FOR TODAY'S WORLD - And 9 New Study Session Sections  
**ROBERT T. KIYOSAKI**



**Harry Potter**  
AND THE GOBLET OF FIRE  
**J. K. ROWLING**

**Atomic Habits**

**Rich dad Poor dad**

**Harry Potter: The goblet of fire**

### Atomic Habits

Author: James Clear  
Price: Rs.300

### Rich dad Poor dad

Author: Robert T.Kiyosaki  
Price: Rs.450

### Harry Potter: The goblet of fire

Author: J.K Rowling  
Price: Rs.700

© 2024 Online Bookstore. All rights reserved.

### Location

Our bookstore is located in Thane. Visit us!

### About Us

BUY BOOKS.

### Feedback

Share your thoughts with us!

[Give Feedback](#)

## **TIMETABLE SOURCE CODE:**

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
        <title>Timetable</title>
        <style>
            table, th, td {
                border: 1px solid black;
                border-collapse: collapse;
                height: 100%;
                font-family: Arial, Helvetica, sans-serif;
            }
            th, td {
                padding: 0px;
                margin: 0px;
                text-align: center;
            }
        </style>
    </head>
    <body>
        <div
            style="display: flex; flex-direction: row; justify-content: center">
            >
                <div style="flex-direction: column; display: flex">
                    <h1>K. J. Somaiya College of Engineering</h1>
                </div>
            </div>
            <h2 style="text-align: center; margin-top: -20px">
                Timetable for Semester 4, Class A
            </h2>
            <table
            >
                <tr>
                    <th>Time/Day</th>
                    <th>Monday</th>
                    <th>Tuesday</th>
                    <th>Wednesday</th>
                    <th>Thursday</th>
                    <th>Friday</th>
                </tr>
                <tr>
                    <td rowspan="2" style="vertical-align: middle; text-align: center">
                        8:00 AM - 9:30 AM
                    </td>
                    <td rowspan="2" style="vertical-align: middle; text-align: center">
                        9:30 AM - 11:00 AM
                    </td>
                    <td rowspan="2" style="vertical-align: middle; text-align: center">
                        11:00 AM - 12:30 PM
                    </td>
                    <td rowspan="2" style="vertical-align: middle; text-align: center">
                        12:30 PM - 2:00 PM
                    </td>
                    <td rowspan="2" style="vertical-align: middle; text-align: center">
                        2:00 PM - 3:30 PM
                    </td>
                </tr>
                <tr>
                    <td style="vertical-align: middle; text-align: center">
                        3:30 PM - 5:00 PM
                    </td>
                    <td style="vertical-align: middle; text-align: center">
                        5:00 PM - 6:30 PM
                    </td>
                    <td style="vertical-align: middle; text-align: center">
                        6:30 PM - 8:00 PM
                    </td>
                    <td style="vertical-align: middle; text-align: center">
                        8:00 PM - 9:30 PM
                    </td>
                </tr>
            </table>
        </div>
    </body>
</html>
```

```

        <td rowspan="2">   </td>
        <td rowspan="2">   </td>
    </tr>
    <tr>

    </tr>
    <tr>
        <th>9:00 - 10:00</th>
        <td rowspan="1"> Honour_B203 -- </td>
        <td rowspan="1"> Honour_B203 -- </td>
    </tr>
    <tr>
        <th>10:00 - 11:00</th>
        <td rowspan="1"> Honour_B203 -- </td>
        <td rowspan="1"> Honour_B203 -- </td>
        <td rowspan="1"> TAC A104 SDC </td>
        <td rowspan="1"> RDBMS A104 BHN </td>
        <td rowspan="1"> TAC A104 SDC </td>
    </tr>
    <tr>
        <th>11:00 - 12:00</th>
        <td rowspan="2">
            <table>
                <tr>
                    <td rowspan="1">A1 WPL B514 SRJ</td>
                    <td rowspan="1">A2 MP B515 KRT</td>
                    <td rowspan="1">A3 AOA B416 SUK</td>
                </tr>
            </table>
        </td>
        <td rowspan="1">
            <table>
                <tr>
                    <td rowspan="1">A1 MP A104 GJS</td>
                    <td rowspan="1">A2 MP XXX KRT</td>
                    <td rowspan="1">A3 MP YYY PMB</td>
                </tr>
            </table>
        </td>
        <td>
            <table>
                <tr>
                    <td rowspan="1">A1 PSOT CCF_A NAR</td>
                    <td rowspan="1">A2 PSOT CCF_B YMT</td>
                    <td rowspan="1">A3 PSOT B210A RBS</td>
                </tr>
            </table>
        </td>
    </tr>

```

```

        </table>
    </td>
    <td>
        TAC A104 SDC
    </td>
    <td rowspan="2">
        <table>
            <tr>
                <td rowspan="1">A1 MP B210A GJS</td>
                <td rowspan="1">A2 AOA B116 SJY</td>
                <td rowspan="1">A3 RDBMS B117 BHN</td>
            </tr>
        </table>
    </td>
</tr>
<tr>
    <th>12:00 - 1:00</th>
    <td rowspan="1">PSOT A104 NAR</td>
    <td rowspan="1">RDBMS A104 BHN </td>
    <td rowspan="1">AOA A104 SUK</td>

</tr>
<tr>
    <th>1:00 - 2:00</th>
    <td colspan="5">Lunch Break</td>
</tr>
<tr>
    <th>2:00 - 3:00</th>
    <td>
        AOA A104 SUK
    </td>
    <td rowspan="2">
        <table>
            <tr>
                <td rowspan="1">A1 WPL B514 SRJ</td>
                <td rowspan="1">A2 WPL B116 SIP</td>
                <td rowspan="1">A3 MP B210A PMB</td>
            </tr>
        </table>
    </td>
    <td>
        AOA A104 SUK
    </td>
    <td rowspan="2">
        <table>
            <tr>
                <td rowspan="1">A1 AOA B416 SUK</td>
                <td rowspan="1">A2 WPL B116 SIP</td>
                <td rowspan="1">A3 WPL B514 BGK</td>
            </tr>
        </table>
    </td>

```

```

                </tr>
            </table>
        </td>
        <td>
            RDBMS A104 BHN
        </td>
    </tr>
    <tr>
        <th>3:00 - 4:00</th>
        <td>
            PSOT A104 NAR
        </td>
        <td rowspan="1">
            <table>
                <tr>
                    <td rowspan="1">A1 TAC A104 PRG</td>
                    <td rowspan="1">A2 TAC B203 VPV</td>
                    <td rowspan="1">A3 TAC B505 SDC</td>
                </tr>
            </table>
        </td>
        <td>
            PSOT A104 NAR
        </td>
    </tr>
    <tr>
        <th>4:00 - 5:00</th>
        <td></td>
        <td></td>
        <td rowspan="2">
            <table>
                <tr>
                    <td rowspan="1">A1 RDBMS B117 BHN</td>
                    <td rowspan="1">A2 RDBMS B115 JMR</td>
                    <td rowspan="1">A3 WPL B514 BGK</td>
                </tr>
            </table>
        </td>
        <td></td>
        <td></td>
    </tr>
    <tr>
        <th>5:00 - 6:00</th>
        <td></td>
        <td></td>
        <td></td>
        <td></td>
    </tr>
    <tr>

```

```

<th>6:00 - 7:00</th>
<td colspan="5"></td>
</tr>
</table>

<a> <b><u>By Eeshanya Joshi, <u>16010122074</u></b></a>
</body>
</html>

```

## OUTPUT:

### K. J. Somaiya College of Engineering Timetable for Semester 4, Class A

| Time/Day      | Monday          |                |                 | Tuesday         |                 |                 | Wednesday         |                   |                   | Thursday        |                 |                 | Friday          |                 |                   |
|---------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| 9:00 - 10:00  | Honour_B203 --  |                |                 | Honour_B203 --  |                 |                 | Honour_B203 --    |                   |                   | Honour_B203 --  |                 |                 | Honour_B203 --  |                 |                   |
| 10:00 - 11:00 | Honour_B203 --  |                |                 | Honour_B203 --  |                 |                 | TAC A104 SDC      |                   |                   | RDBMS A104 BHN  |                 |                 | TAC A104 SDC    |                 |                   |
| 11:00 - 12:00 | A1 WPL B514 SRJ | A2 MP B515 KRT | A3 AOA B416 SUK | A1 MP A104 GJS  | A2 MP XXX KRT   | A3 MP YYY PMB   | A1 PSOT CCF_A NAR | A2 PSOT CCF_B YMT | A3 PSOT B210A RBS | TAC A104 SDC    |                 |                 | A1 MP B210A GJS | A2 AOA B116 SJY | A3 RDBMS B117 BHN |
| 12:00 - 1:00  |                 |                |                 | PSOT A104 NAR   |                 |                 | RDBMS A104 BHN    |                   |                   | AOA A104 SUK    |                 |                 |                 |                 |                   |
| 1:00 - 2:00   | Lunch Break     |                |                 |                 |                 |                 |                   |                   |                   |                 |                 |                 |                 |                 |                   |
| 2:00 - 3:00   | AOA A104 SUK    |                |                 | A1 WPL B514 SRJ | A2 WPL B116 SIP | A3 MP B210A PMB | AOA A104 SUK      |                   |                   | A1 AOA B416 SUK | A2 WPL B116 SIP | A3 WPL B514 BGK | RDBMS A104 BHN  |                 |                   |
| 3:00 - 4:00   | PSOT A104 NAR   |                |                 |                 |                 |                 | A1 TAC A104 PRG   | A2 TAC B203 VPV   | A3 TAC B505 SDC   |                 |                 |                 | PSOT A104 NAR   |                 |                   |
| 4:00 - 5:00   |                 |                |                 |                 |                 |                 | A1 RDBMS B117 BHN | A2 RDBMS B115 JMR | A3 WPL B514 BGK   |                 |                 |                 |                 |                 |                   |
| 5:00 - 6:00   |                 |                |                 |                 |                 |                 |                   |                   |                   |                 |                 |                 |                 |                 |                   |

### **Post Lab Objective with Ans (Min 5):**

**Students need to mention and explain with syntax the tags used for problem statement they have selected.**

#### **Registration Page (index.html):**

<!DOCTYPE html>: Defines the document type and version of HTML.

<html lang="en">: The root element, signifies the beginning of the HTML document. "lang" attribute defines the language of the document.

<head>: Contains meta-information about the HTML document.

<meta charset="UTF-8">: Specifies the character encoding for the document (UTF-8).

<meta name="viewport" content="width=device-width, initial-scale=1.0">: Sets the viewport properties for responsive design.

<title>: Sets the title of the document that appears in the browser tab.

<style>: Defines internal CSS styles for the document.

<body>: Contains the content of the HTML document.

<form>: Creates a form that will be used for user registration.

<h2>: Heading for the form.

<label>: Labels for form input fields.

<input>: Input fields for the user to enter information.

<button>: Submits the form data.

<a href="index1.html"></a>: An empty anchor tag with an href attribute, but no visible content. Appears to be incomplete.

## **Bookstore Page (bookstore.html):**

Similar structure as the registration page.

<header>: Represents the header of the document.

<h1>: Heading level 1 for the header.

<section>: Represents a section of the document.

<h2>: Heading level 2 for the featured books section.

<div class="featured-books">: Container for featured books.

<div class="book">: Container for an individual book.

<img>: Displays the book cover.

<div class="book-info">: Container for book information.

<h3>: Heading level 3 for the book title.

<p>: Paragraphs for author and price information.

<footer>: Represents the footer of the document.

<p>: Paragraph for copyright information.

<div class="frames-container">: Container for additional frames.

<div class="frame">: Container for a frame with location information.

<div class="frame">: Container for a frame with about us information.

<div class="feedback-frame">: Container for a frame with feedback information.

<button class="feedback-button">: Button for giving feedback.

**Date: 28/01/24**

**Signature of faculty in-charge**

**Department of Computer Engineering**