

**Date of submission: 22 / 01 / 2025**  
**Batch: A1                      Roll No.: 16010123012**  
**Div: A**  
**Student Name: Aaryan Sharma**  
**Experiment No: 01**  
**Staff In-charge:**

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

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

A) Students will be required to mention an overall description of the problem (website facilities) to be provided by their application (any application).

1) HOME PAGE: The static home page must contain three frames.

2) LOGIN PAGE:

3) CATALOGUE PAGE: The catalog page should contain the details of all the books available on the website in a table.

4) REGISTRATION PAGE

B) Create a table to show your class timetable.

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

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**Books/ Journals/ Websites referred:**

<https://developer.mozilla.org/en-US/docs/Web/HTML>

<https://developer.mozilla.org/en-US/docs/Web/CSS>

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A)

**HTML tags Used:**

<html>, <meta>, <head>, <title>, <style>, <body>, <div>, <h1>, <h2>, <form>, <label>, <input>, <button>, <a>, <table>, <thead>, <tbody>, <tr>, <th>, <td>

**Code:**

1)

```
<!DOCTYPE html>
<html lang="en">
```

```
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Home Page with Three Frames</title>
  <style>
    * {
      margin: 0;
      padding: 0;
      font-family: Georgia, "Times New Roman", Times, serif;
      box-sizing: border-box;
    }

    body {
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      background-color: #f4f4f4;
    }

    .container {
      width: 80%;
      height: 80%;
      display: flex;
      flex-direction: column;
    }

    .top-frame,
    .left-frame,
    .right-frame {
      display: flex;
      justify-content: center;
      align-items: center;
      text-align: center;
    }

    .top-frame {
      background-color: #fff;
      border: 1px solid #000000;
      padding: 20px;
      margin: 10px 0;
    }
```



```
    flex: 1;
    background-color: #f0f0f0;
  }

  .bottom-frame {
    background-color: #fff;
    border: 1px solid #000000;
    padding: 20px;
    margin: 10px 0;
    display: flex;
    flex-direction: row;
    height: 100%;
  }

  .left-frame,
  .right-frame {
    flex: 1;
    background-color: #e0e0e0;
    padding: 10px;
    margin: 5px;
  }
</style>
</head>

<body>
  <div class="container">
    <div class="top-frame">
      <h1>Top Frame</h1>
    </div>
    <div class="bottom-frame">
      <div class="left-frame">
        <h2>Left Frame</h2>
      </div>
      <div class="right-frame">
        <h2>Right Frame</h2>
      </div>
    </div>
  </div>
</body>
</html>
```

2)

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Login - Bookstore</title>
  </head>
  <body
    style="font-family: Georgia, 'Times New Roman', Times, serif; margin: 20px"
  >
    <div style="margin-top: 20px; border: 1px solid black; padding: 10px">
      <h2>Login</h2>
      <form>
        <label for="username">Username</label>
        <input
          type="text"
          id="username"
          name="username"
          style="margin-bottom: 10px; width: 100%"
        /><br />
        <label for="password">Password</label>
        <input
          type="password"
          id="password"
          name="password"
          style="margin-bottom: 10px; width: 100%"
        /><br />
        <button type="submit" style="padding: 5px 10px; cursor: pointer">
          Login
        </button>
      </form>
    </div>
    <a href="home.html">Home</a>
  </body>
</html>
```

3)

```
<!DOCTYPE html>
<html lang="en">
```



```
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Catalogue</title>
</head>

<body
  style="font-family: Georgia, 'Times New Roman', Times, serif; margin: 20px"
>
  <div style="margin-top: 20px; border: 1px solid #000; padding: 10px">
    <h2>Catalogue</h2>
    <table
      cellpadding="5"
      cellspacing="0"
      style="width: 100%; border: 1px solid black"
    >
      <thead>
        <tr style="background-color: #f0f0f0">
          <th>Book ID</th>
          <th>Title</th>
          <th>Author</th>
          <th>Price</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>101</td>
          <td>Laws of Physics</td>
          <td>Newton</td>
          <td>$10.99</td>
        </tr>
        <tr>
          <td>102</td>
          <td>To Kill a Mockingbird</td>
          <td>Harper Lee</td>
          <td>$8.99</td>
        </tr>
        <tr>
          <td>103</td>
          <td>The complete adventures of feluda</td>
          <td>Satyajit Ray</td>
```

```
        <td>$12.99</td>
    </tr>
</tbody>
</table>
</div>
<a href="home.html">Home</a>
</body>
</html>
```

4)

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Registration - Bookstore</title>
  </head>

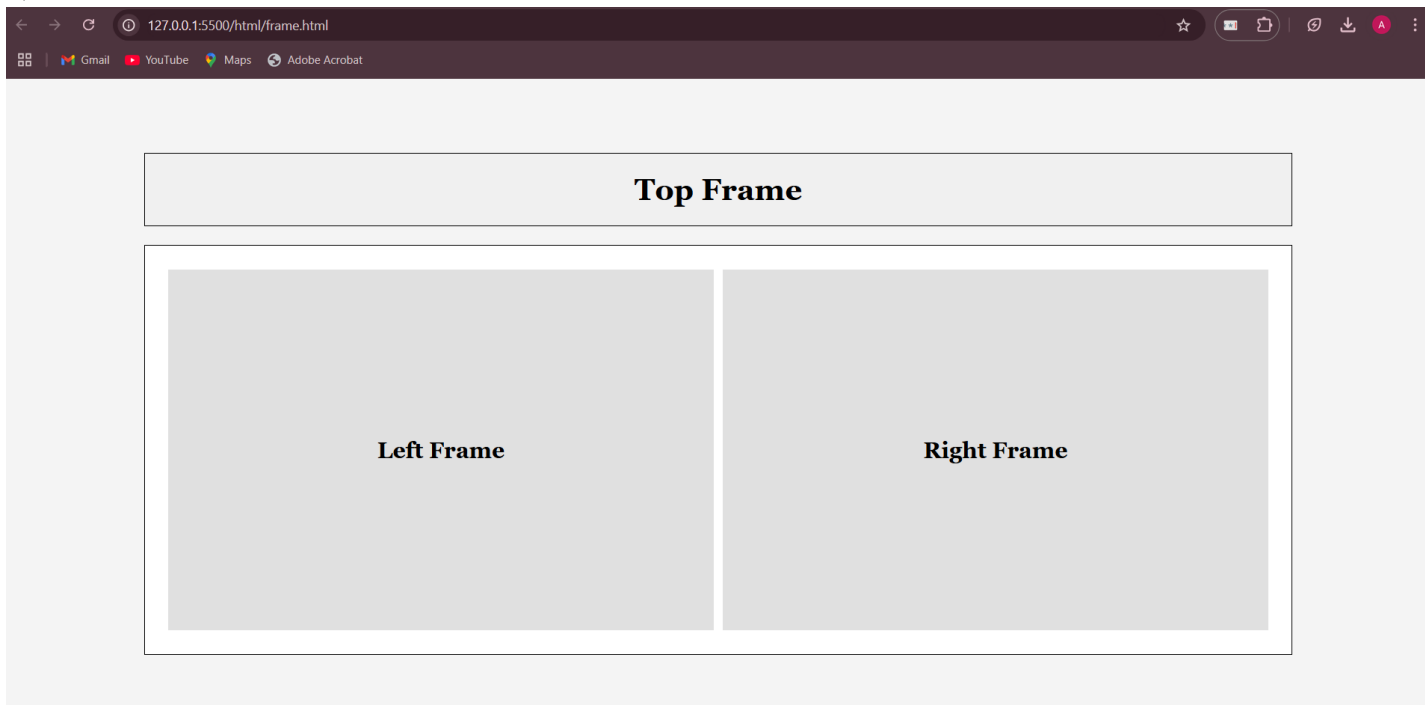
  <body style="font-family: Arial, sans-serif; margin: 20px">
    <div style="margin-top: 20px; border: 1px solid #000; padding: 10px">
      <h2>Registration</h2>
      <form>
        <label for="name">Full Name</label><br />
        <input
          type="text"
          id="name"
          name="name"
          style="margin-bottom: 10px; width: 25%"
        /><br />
        <label for="email">Email</label><br />
        <input
          type="email"
          id="email"
          name="email"
          style="margin-bottom: 10px; width: 25%"
        /><br />
        <label for="phone">Contact No.</label><br />
        <input
          type="number"
          id="phone"
          name="phone"
```




```
        style="margin-bottom: 10px; width: 25%"
    /><br />
    <label for="password">Password</label><br />
    <input
        type="password"
        id="password"
        name="password"
        style="margin-bottom: 10px; width: 25%"
    /><br />
    <button type="submit" style="padding: 5px 10px; cursor: pointer">
        Register
    </button>
</form>
</div>
<a href="login.html">Already a user?</a>
</body>
</html>
```

## Output:

1)



2)



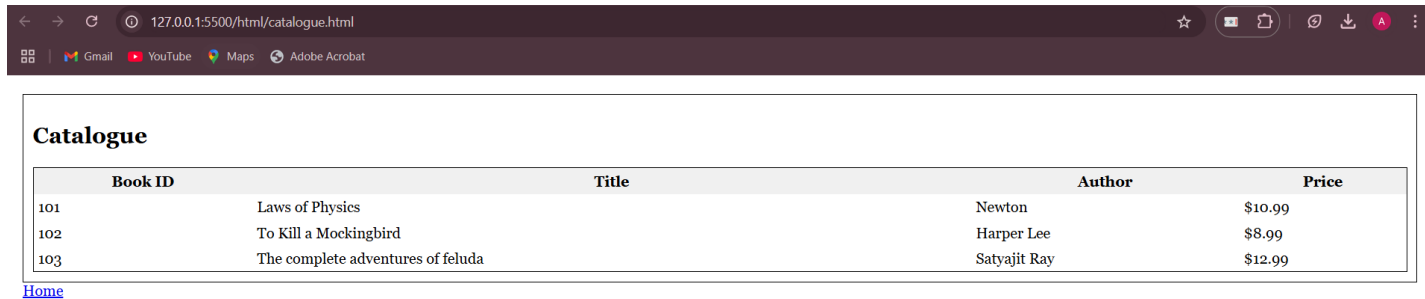
**Login**

Username

Password

[Home](#)

3)



**Catalogue**

Book ID	Title	Author	Price
101	Laws of Physics	Newton	\$10.99
102	To Kill a Mockingbird	Harper Lee	\$8.99
103	The complete adventures of feluda	Satyajit Ray	\$12.99

[Home](#)

4)



**Registration**

Full Name

Email

Contact No.

Password

[Already a user?](#)

**B)**

**HTML tags Used:**

<html>, <head>, <meta>, <title>, <style>, <body>, <table>, <caption>, <br>, <tr>, <th>, <td>

**Code:**

```
<!DOCTYPE html>
```





```
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Time Table</title>
  <style>
    table,
    th,
    td {
      border: 1px solid black;
      border-collapse: collapse;
    }
  </style>
</head>
<body style="background-color: rgb(215, 249, 250)">
  <table border="1" style="background-color: rgb(255, 255, 255)">
    <caption style="font-size: larger; font-weight: 800">
      Time Table
    </caption>
    <caption style="font-weight: 800; text-align: left">
      Class: SY B. Tech COMP A
    </caption>
    <br />
    <tr>
      <th>Time <br />/Day</th>
      <th colspan="12">Monday</th>
      <th colspan="6">Tuesday</th>
      <th colspan="3">Wednesday</th>
      <th colspan="3">Thursday</th>
      <th colspan="3">Friday</th>
    </tr>
    <tr>
      <th>
        7:00 - <br />
        8:00
      </th>
      <th colspan="12"></th>
      <th colspan="6"></th>
      <th colspan="3"></th>
      <th colspan="3"></th>
      <th colspan="3"></th>
    </tr>
```



```
</tr>
<tr>
  <th>
    8:00 - <br />
    9:00
  </th>
  <th colspan="12">H-IDS B201 SNJ</th>
  <th colspan="6"></th>
  <th colspan="3">H-FOS B204 GSS</th>
  <th colspan="3"></th>
  <th colspan="3"></th>
</tr>
<tr>
  <th>
    9:00 - <br />
    10:00
  </th>
  <th rowspan="2">
    H-<br />
    IDS_1 B107A <br />
    UBJ
  </th>
  <th rowspan="2">
    H-<br />IDS_2 B107B <br />
    C01
  </th>
  <th rowspan="2">
    H-<br />IDS_3 B210A <br />
    BHN
  </th>
  <th rowspan="2">
    H-<br />IDS_4 B210B <br />
    PSG
  </th>
  <th rowspan="2">
    H-<br />IDS_5 B514 <br />
    NKS
  </th>
  <th rowspan="2">
    H-<br />IDS_6 B410A <br />
    SRS
  </th>
```



```
</th>
<th rowspan="2">
  H-<br />IDS_7 B207A <br />
  PMB
</th>
<th rowspan="2">
  H-<br />IDS_8 B207A <br />
  KDM
</th>
<th rowspan="2">
  H-<br />IDS_9 B207B <br />
  VAB
</th>
<th rowspan="2">
  H-<br />IDS_10 B207C <br />
  SIP
</th>
<th rowspan="2">
  H-<br />FOS_1 B111A <br />
  SCP
</th>
<th rowspan="2">
  H-<br />AC_1 B110 <br />
  VPV
</th>
<th colspan="3">
  H-FOS_2 <br />
  B111 GSS
</th>
<th colspan="3">
  H-IDS_9 <br />
  B207B VAB
</th>
<th colspan="3">OEG -- --</th>
<th>H-AC <br />B403 <br />SNM</th>
<th>
  H- <br />IDS <br />
  B205 <br />BNP
</th>
<th>H- <br />IDS <br />B301 <br />KRK</th>
<th>H- <br />AC <br />B403 <br />SNM</th>
```

```

<th>
  H- <br />FOS <br />B204 <br />
  GSS
</th>
<th>H- <br />IDS <br />B301 <br />KRK <br /></th>
</tr>
<tr>
<th>
  10:00 - <br />
  11:00
</th>
<th colspan="2">
  H-FOS_2 <br />
  B111 GSS
</th>
<th colspan="2">
  H-IDS_9 <br />
  B207B VAB
</th>
<th colspan="2">
  H-IDS <br />
  B201 SNJ
</th>
<th colspan="3">OEG -- --</th>
<th colspan="3">OEG -- --</th>
<th colspan="3">RDBMS B204 PSG</th>
</tr>
<tr>
<th>
  11:00 - <br />
  12:00
</th>
<th rowspan="2">A1 <br />
  AOA B207B SUK
</th>
<th rowspan="2">A2 <br />
  RDBMS B210B C01
</th>
<th rowspan="2">

```



```

        A3 <br />
        OS B217 C08
    </th>
    <th colspan="6">OS B201 PJS</th>
    <th rowspan="2">A1 <br />WPL <br />B410A <br />DVJ</th>
    <th rowspan="2">A2 <br />WPL <br />B210A <br />SMD</th>
    <th rowspan="2">A3 <br />WPL <br />B217 <br />VAB</th>
    <th colspan="3">PSOT B505 RBS</th>
    <th rowspan="2">
        A1 <br />
        RDBMS B210A PSG
    </th>
    <th rowspan="2">
        A2 <br />
        CPL B210B SNJ
    </th>
    <th rowspan="2">
        A3 <br />
        WPL B107B VAB
    </th>
</tr>
<tr>
    <th>
        12:00 - <br />
        1:00
    </th>
    <th colspan="6">PSOT B201 RBS</th>
    <th colspan="3">OS B505 PJS</th>
</tr>
<tr>
    <th>
        1:00 - <br />
        2:00
    </th>
    <th colspan="29">LUNCH BREAK</th>
</tr>
<tr>
    <th>
        2:00 - <br />
        3:00
    </th>

```



```

<th colspan="12">RDBMS B202 PSG</th>
<th rowspan="2">A1 <br />OS <br />B210B <br />NAL</th>
<th rowspan="2">A2 <br />WPL <br />B207A <br />SMD</th>
<th rowspan="2">A3 <br />AOA <br />B410A <br />PAV</th>
<th colspan="3">
  RDBMS <br />
  B204 <br />PSG
</th>
<th>A1 <br />CPL <br />B204 <br />SRS</th>
<th>A2 <br />CPL <br />B204 <br />SNJ</th>
<th>A3 <br />CPL <br />B204 <br />BNP</th>
<th colspan="3">AOA B204 SUK</th>
</tr>
<tr>
<th>
  3:00 - <br />
  4:00
</th>
<th colspan="12">OS B202 PJS</th>
<th>A1 <br />PSOT <br />B204 <br />RBS</th>
<th>A2 <br />PSOT <br />B204 <br />YMT</th>
<th>A3 <br />PSOT <br />B204 <br />NAR</th>
<th colspan="3">AOA B204 SUK</th>
<th colspan="3">PSOT B204 RBS</th>
</tr>
<tr>
<th>
  4:00 - <br />
  5:00
</th>
<th rowspan="2">A1 <br />WPL B210A DVJ</th>
<th rowspan="2">A2 <br />AOA B207B C01</th>
<th rowspan="2">A3 <br />CPL B207C BNP</th>
<th colspan="6">AOA B204 SUK</th>
<th colspan="3"></th>
<th rowspan="2">A1 <br />CPL <br />B210A <br />SRS</th>
<th rowspan="2">A2 <br />OS <br />B210B <br />KDM</th>
<th rowspan="2">A3 <br />RDBMS <br />B217 <br />PSG</th>
<th colspan="3"></th>
</tr>
<tr>
<th colspan="3"></th>

```

```
<th>
  5:00 - <br />
  6:00
</th>
<th colspan="2">H-<br />IDS<br />B205<br />BNP</th>
<th colspan="2">H-<br />IDS<br />B301<br />KRK</th>
<th colspan="2">H-<br />IDS <br />B201 <br />SNJ</th>
<th colspan="3"></th>
</tr>
</table>
</body>
</html>
```

### Output:

127.0.0.1:5500/html/timetable.html

</

### Conclusion:

The HTML codes demonstrate my ability to create structured, user-friendly web pages with tables, forms, and styling, showcasing effective use of tags, CSS, and responsive design for clear and functional layouts.

Date: 22 / 01 / 2025

Signature of faculty in-charge