

(Somaiya Vidyavihar University)





Academic Year: 2024-25

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) CATOLOGUE 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.

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

Books/ Journals/ Websites referred:

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

A)

HTML tags Used:

Semester: IV

Code:

1)

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



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```
<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;
```



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```
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 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>
```



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2)

```
<!DOCTYPE html>
<html lang="en">
    <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</pre>
          type="text"
          id="username"
          name="username"
          style="margin-bottom: 10px; width: 100%"
        <label for="password">Password</label>
        <input</pre>
          type="password"
          id="password"
          name="password"
          style="margin-bottom: 10px; width: 100%"
        <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">
```



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```
<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"
     Book ID
       Title
       Author
       Price
     </thead>
    101
       Laws of Physics
       Newton
       $10.99
     102
       To Kill a Mockingbird
       Harper Lee
       $8.99
     103
       The complete adventures of feluda
       Satyajit Ray
```



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4)

```
<!DOCTYPE html>
<html lang="en">
    <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>
        <label for="name">Full Name</label><br />
        <input</pre>
          type="text"
          id="name"
          name="name"
          style="margin-bottom: 10px; width: 25%"
        <label for="email">Email</label><br />
        <input</pre>
          type="email"
          id="email"
          name="email"
          style="margin-bottom: 10px; width: 25%"
        <label for="phone">Contact No.</label><br />
        <input</pre>
          type="number"
          id="phone"
          name="phone"
```



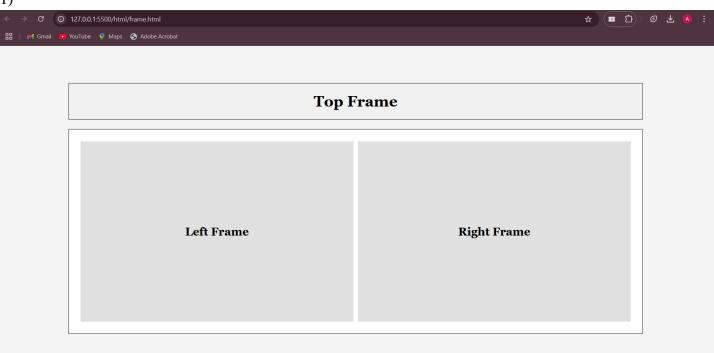
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```
style="margin-bottom: 10px; width: 25%"
    /><br />
    <label for="password">Password</label><br />
    <input
        type="password"
        id="password"
        name="password"
        style="margin-bottom: 10px; width: 25%"
        /><br />
        <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)



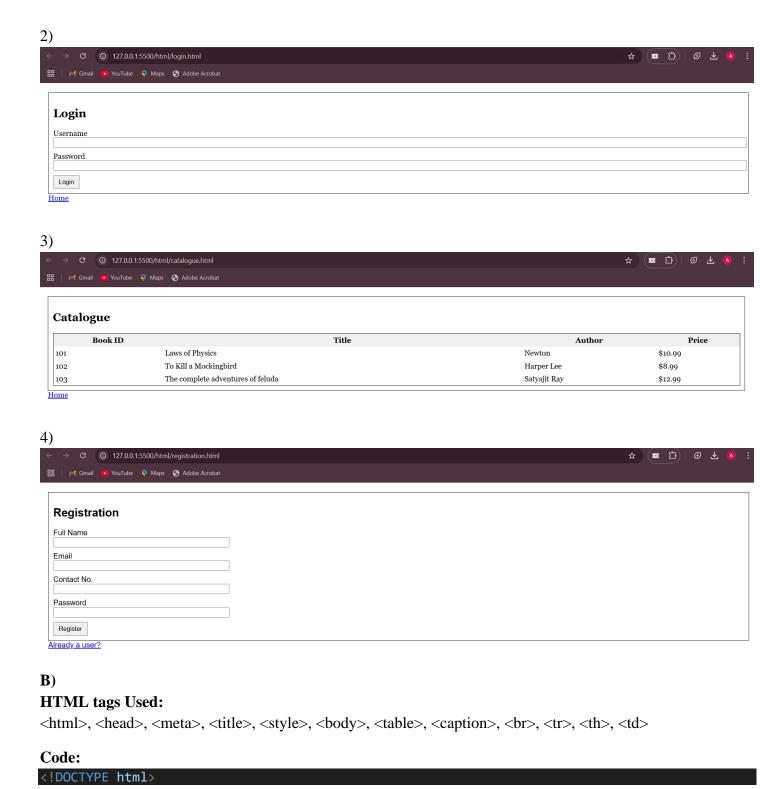


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```
<html lang="en">
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Time Table</title>
  <style>
   table,
   th,
   td {
    border: 1px solid black;
    border-collapse: collapse;
  </style>
 </head>
 <body style="background-color: rgb(215, 249, 250)">
  <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>
   >
    Time <br />/Day
    Monday
    Tuesday
    Wednesday
    Thursday
    Friday
   >
      7:00 - <br />
      8:00
```



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```
8:00 - <br />
 9:00
H-IDS B201 SNJ
H-FOS B204 GSS
9:00 - <br />
 10:00
H-<br />
 IDS 1 B107A <br />
 UBJ
 H-<br />IDS_2 B107B <br />
 C01
 H-<br />IDS_3 B210A <br />
H-<br />IDS 4 B210B <br />
 PSG
 H-<br />IDS_5 B514 <br />
 NKS
 H-<br />IDS 6 B410A <br />
 SRS
```



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```
H-<br />IDS 7 B207A <br />
H-<br />IDS_8 B207A <br />
H-<br />IDS_9 B207B <br />
 VAB
H-<br />IDS 10 B207C <br />
 SIP
H-<br />FOS_1 B111A <br />
 SCP
H-<br />AC 1 B110 <br />
 VPV
H-FOS_2 <br />
 B111 GSS
H-IDS_9 <br />
 B207B VAB
OEG -- --
H-AC <br />B403 <br />SNM
 H- <br />IDS <br />
 B205 <br />BNP
H- <br />IDS <br />B301 <br />KRK
H- <br />AC <br />B403 <br />SNM
```



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```
H- <br />FOS <br />B204 <br />
  GSS
 H- <br />IDS <br />B301 <br />KRK <br />
10:00 - <br />
  11:00
 H-FOS 2 <br />
  B111 GSS
 H-IDS_9 <br />
  B207B VAB
 H-IDS <br />
  B201 SNJ
 OEG -- --
 OEG -- --
 RDBMS B204 PSG
  11:00 - <br />
  12:00
 A1 <br />
  AOA B207B SUK
 A2 <br />
  RDBMS B210B C01
```



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



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```
RDBMS B202 PSG
 A1 <br />OS <br />B210B <br />NAL
 A2 <br />WPL <br />B207A <br />SMD
 A3 <br />A0A <br />B410A <br />PAV
 RDBMS <br />
  B204 <br />PSG
 A1 <br />CPL <br />B204 <br />SRS
 A2 <br />CPL <br />B204 <br />SNJ
 A3 <br />CPL <br />B204 <br />BNP
 AOA B204 SUK
3:00 - <br />
  4:00
 OS B202 PJS
 A1 <br />PSOT <br />B204 <br />RBS
 A2 <br />PSOT <br />B204 <br />YMT
 A3 <br />PSOT <br />B204 <br />NAR
 AOA B204 SUK
 PSOT B204 RBS
4:00 - <br />
  5:00
 A1 <br />WPL B210A DVJ
 A2 <br />A0A B207B C01
 A3 <br />CPL B207C BNP
 AOA B204 SUK
 A1 <br />CPL <br />B210A <br />SRS
 A2 <br />OS <br />B210B <br />KDM
 A3 <br />RDBMS <br />B217 <br />PSG
```



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Output:

←	→ G	① 127	7.0.0.1:5500	/html/time	etable.htm	ıl															Q y	☆ (∞ Σ) Ø	业 🔼 ⋮
⊞ M Gmail N YouTube N Maps S Adobe Acrobat																								
61											Time T	[able												
Time /Day	SY B. Tech COMP A Monday												Wednesday			Thursday			Friday					
7:00 - 8:00																								
8:00 - 9:00	H-IDS B201 SNJ												H-FOS B204 GSS											
9:00 - 10:00	H- IDS 1	H- IDS 2	H- IDS 3	H- IDS 4	H- IDS 5	H- IDS 6	H- IDS 7	H- IDS 8	H- IDS 9	H- IDS 10	H- FOS 1	H- AC 1	H-FOS B111 G	SS B2	I-IDS_9 07B VAB	OEG			H-AC B403 SNM	H- IDS B205 BNP	H- IDS B301 KRK	H- AC B403 SNM	H- FOS B204 GSS	H- IDS B301 KRK
10:00 - 11:00	B107A UBJ	B107B CO1	B210A BHN	B210B PSG	B514 NKS	B410A SRS	B207A PMB	B207A KDM					H- FOS_2 B111 GSS	H-IDS_9 B207B VAB	H-IDS B201 SNJ	OEG			OEG			RDBMS B204 PSG		
11:00 - 12:00		A1 AOA B207B SUK				A2 RDBMS B210B CO1				A3 OS B217 CO8			OS B201 PJS			A1 A2 WPL WPL B410A B210A B217 VAB				A1 RDBMS	A2 CPL	A3 WPL		
12:00 - 1:00													PSOT B201 RBS		B210A PSG									
1:00 - 2:00											LUNC	H BREA	K											
2:00 - 3:00					RDBMS B202 PSG								A1 OS	A2 WPL	PL AOA		RDBMS B204 PSG			A2 CPL B204 SNJ	A3 CPL B204 BNP	AOA B204 SUK		
3:00 - 4:00	OS B202 PJS										B210B NAL				A2 PSOT B204 YMT	B204	AOA B204 SUK			PSOT B204 RBS				
4:00 - 5:00													AOA B204 SUK							A2	A3			
5:00 - 6:00		A1 WPL B210A DVJ				A2 AOA B207B CO1			A3 CPL B207C BNP			H- IDS B205 BNP	H- IDS B301 KRK	H- IDS B201 SNJ	ļ j			CPL B210A SRS	B210B	RDBMS B217 PSG				

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