

ASSIGNMENT - 1

1. Create an HTML file as follows:

TIME TABLE

```
<!DOCTYPE html>
```

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

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Time Table</title>
```

```
<style>
```

```
table {
```

```
width: 100%;
```

```
border-collapse: collapse;
```

```
text-align: center;
```

```
border: 4px solid black;
```

```
}
```

```
th, td {
```

```
border: 2px solid black;
```

```
padding: 20px;
```

```
}
```

```
th {
```

```
background-color: #c8c8c8;
```

```
}
```

```
.vertical-text {
```

```
writing-mode: vertical-rl;
```

```
transform: rotate(180deg);
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h2 style="text-align: center;">TIME TABLE</h2>
```

```
<table>
```

```
<tr>
```

```

<th>Day/Period</th>
<th>I<br>9:30-10:20</th>
<th>II<br>10:20-11:10</th>
<th>III<br>11:10-12:00</th>
<th>12:00-12:40</th>
<th>IV<br>12:40-1:30</th>
<th>V<br>1:30-2:20</th>
<th>VI<br>2:20-3:10</th>
<th>VII<br>3:10-4:00</th>
</tr>
<tr>
<td>Monday</td>
<td>Eng</td>
<td>Mat</td>
<td>Che</td>
<td rowspan="6" class="lunch-cell">L<br>U<br>N<br>C<br>H</td>
<td colspan="3">LAB</td>
<td>Phy</td>
</tr>
<tr>
<td>Tuesday</td>
<td colspan="3">LAB</td>
<td>Eng</td>
<td>Che</td>
<td>Mat</td>
<td>SPORTS</td>
</tr>
<tr>
<td>Wednesday</td>
<td>Mat</td>
<td>Phy</td>
<td>Eng</td>
<td>Che</td>
<td colspan="3">LIBRARY</td>
</tr>

```

```

<tr>
  <td>Thursday</td>
  <td>Phy</td>
  <td>Eng</td>
  <td>Che</td>
  <td colspan="3">LAB</td>
  <td>Mat</td>
</tr>
<tr>
  <td>Friday</td>
  <td colspan="3">LAB</td>
  <td>Mat</td>
  <td>Che</td>
  <td>Eng</td>
  <td>Phy</td>
</tr>
<tr>
  <td>Saturday</td>
  <td>Eng</td>
  <td>Che</td>
  <td>Mat</td>
  <td colspan="3">SEMINAR</td>
  <td colspan="2">SPORTS</td>
</tr>
</table>
</body>
</html>

```

TIME TABLE

Day/Period	I 9:30-10:20	II 10:20-11:10	III 11:10-12:00	12:00-12:40	IV 12:40-1:30	V 1:30-2:20	VI 2:20-3:10	VII 3:10-4:00
Monday	Eng	Mat	Che	L U N C H	LAB			Phy
Tuesday	LAB				Eng	Che	Mat	SPORTS
Wednesday	Mat	Phy	Eng		Che	LIBRARY		
Thursday	Phy	Eng	Che		LAB			Mat
Friday	LAB				Mat	Che	Eng	Phy
Saturday	Eng	Che	Mat		SEMINAR			SPORTS

2. Design a different webpage by using following CSS characteristics.

A. Implement inline CSS for Backgrounds

- Set the background color of a page
- Set the background color of different elements
- Set an image as the background of a page
- How to repeat a background image only horizontally

```
<html>

<title>A tag link page</title>

<head>

  <title>A tag link page</title>

  <style>

    p {

      color: rgb(2, 41, 150);

      text-align: justify;

      font-size: large;

    }

    h1 {

      color: rgb(165, 218, 255);

      text-align: center;

    }

  </style>

</head>

<body style="background-image: url('https://www.transparenttextures.com/patterns/brick-wall.png'); background-repeat: repeat-x; background-color: rgb(150, 236, 220);">

  <h1 style="background-color: rgb(92, 37, 169); padding: 10px;">Jay Shree Krishna</h1>

  <div style="background-color: #b1f8b1; padding: 10px; margin: 10px;">

    <p>The Bhagavad Gita Is Solution Of Problem.</p>

  </div>

  <div style="background-color: rgb(240, 240, 140); padding: 10px; margin: 10px;">

    <p>The Gita is a synthesis of various strands of Indian religious thought, including the Vedic concept of dharma;</p>

  </div>
```

```
<p style="background-color: #ffcccb; padding: 10px; margin: 10px;">Gita Is Written By Lord Krishna.</p>
</body>
</html>
```



2. Design a different webpage by using following CSS characteristics.

B. Implement Internal CSS for Text for paragraphs

- Set the text color of different elements
- Align the text
- Remove the line under links

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Implement Inline/ Internal CSS</title>
```

```
<style>
```

```
/* Internal CSS for text formatting */
```

```
p {
```

```
    color: darkblue;          /* Set paragraph text color */
```

```
    text-align: justify;      /* Align paragraph text */
```

```
}
```

```
h1 {
```

```
    color: rgb(165, 218, 255); /* Set heading text color */
```

```
    text-align: center;        /* Center align heading */
```

```
}
```

```
a {
```

```
    text-decoration: none;     /* Remove underline from links */
```

```
    color: rgb(20, 27, 220);   /* Set link text color */
```

```
}
```

```
</style>
```

```
</head>
```

```
<body style="background-image: url('https://www.transparenttextures.com/patterns/brick-wall.png'); background-repeat: repeat-x; background-color: rgba(132, 214, 202, 0.912);">
```

```
<h1 style="background-color: rgb(0, 73, 125); padding: 10px;">Welcome to My Webpage</h1>
```

```
<div style="background-color: #ffcccb; padding: 10px; margin: 10px;">
```

```
<p>This paragraph is inside a light red background box.</p>
```

```
</div>
```

```
<div style="background-color: #b1f8b1; padding: 10px; margin: 10px;">
```

```
<p>This section has a light green background.</p>
```

```
</div>
```

```
<div>
```

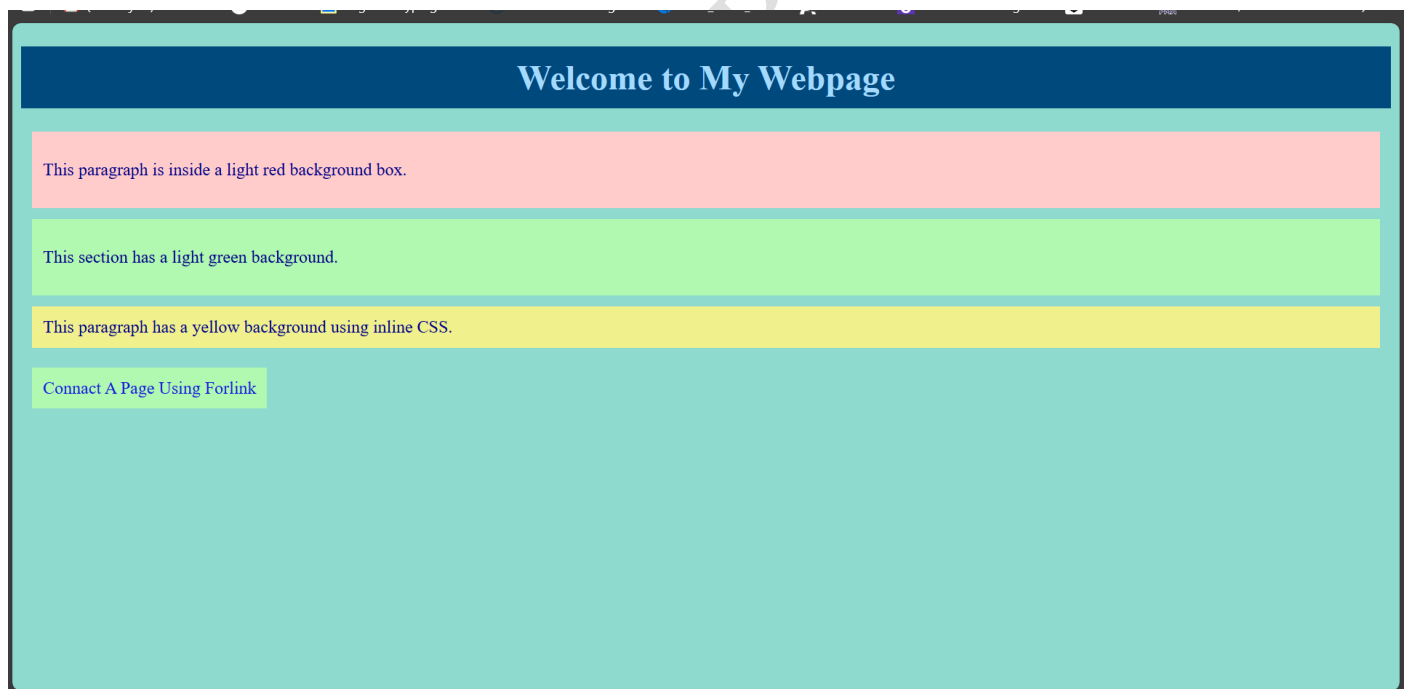
```
<p style="background-color: rgb(240, 240, 140); padding: 10px; margin: 10px;">This paragraph has a yellow background using inline CSS.</p>
```

```
</div>
```

```
<br><a href="q1.html" style="background-color: #b1f8b1; padding: 10px; margin: 10px;">Connect A Page Using Forlink</a>
```

```
</body>
```

```
</html>
```



ASSIGNMENT – 2

1. Write a JavaScript to check whether the given string is palindrome or not. Enter string through text field.

```
<!DOCTYPE html>

<html>

<head>

  <title>Palindrome Checker</title>

  <style>

    body { font-family: Arial, sans-serif; text-align: center; margin-top: 50px; }

    input, button { padding: 8px; margin: 5px; border-radius: 5px; border: 1px solid #444; }

    button { cursor: pointer; background: #007BFF; color: white; border: none; }

    button:hover { background: #0056b3; }

    #result { margin-top: 15px; font-weight: bold; }

  </style>

</head>

<body>

  <h2>Palindrome Checker</h2>

  <input type="text" id="str" placeholder="Enter a string">

  <button onclick="checkPalindrome()">Check</button>

  <div id="result"></div>

  <script>

    function checkPalindrome() {

      let str = document.getElementById("str").value.trim();

      if (str === "") {


        alert("Please enter a string!");

        return;

      }

      let rev = str.split("").reverse().join("");

      if (str.toLowerCase() === rev.toLowerCase()) {

        document.getElementById("result").innerHTML = `${str} is a Palindrome `;

      }

    }

  </script>

</body>

</html>
```



```
    } else {  
        document.getElementById("result").innerHTML = `${str}` is NOT a Palindrome ❌;  
    }  
}  
  
</script>  
</body>  
</html>
```

Palindrome Checker

"0" is a Palindrome ✅

Palindrome Checker

"10" is NOT a Palindrome ❌

2. Write a JavaScript to find the number of characters, words, vowels, spaces, digits and special characters from the given string. The string should be inputted through the user.

```
<!DOCTYPE html>

<html>

<head>

  <title>String Analyzer</title>

  <style>

    body { font-family: Arial, sans-serif; margin: 40px; }

    input, button { padding: 8px; margin: 5px; border-radius: 5px; border: 1px solid #444; }

    button { cursor: pointer; background: #28a745; color: white; border: none; }

    button:hover { background: #1e7e34; }

    #output { margin-top: 20px; font-weight: bold; }

  </style>

</head>

<body>

  <h2>String Analyzer</h2>

  <input type="text" id="inputStr" placeholder="Enter a string" size="50">

  <button onclick="analyze()">Analyze</button>

  <div id="output"></div>

  <script>

    function analyze() {

      let str = document.getElementById("inputStr").value;

      if (str.trim() === "") {

        alert("Please enter a string!");

        return;

      }

      let characters = str.length;

      let words = str.trim().split(/\s+/).length;

      let vowels = (str.match(/[aeiouAEIOU]/g) || []).length;

      let spaces = (str.match(/\s/g) || []).length;

      let digits = (str.match(/[0-9]/g) || []).length;
```

```
let special = (str.match(/^[a-zA-Z0-9\s]/g) || []).length;
```

```
document.getElementById("output").innerHTML = `
```

```
  Total Characters: ${characters} <br>
```

```
  Words: ${words} <br>
```

```
  Vowels: ${vowels} <br>
```

```
  Spaces: ${spaces} <br>
```

```
  Digits: ${digits} <br>
```

```
  Special Characters: ${special}
```

```
`;
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

String Analyzer

Analyze

Total Characters: 11

Words: 2

Vowels: 2

Spaces: 1

Digits: 2

Special Characters: 1

3. Design an html page to create the standard calculator to perform addition, subtraction, multiplication and division of two numbers. Write a JavaScript to perform specified operations. Use textbox and buttons.

```
<!DOCTYPE html>
```

```
<html>

<head>

  <title>Calculator</title>

  <style>

    body { font-family: Arial, sans-serif; text-align: center; margin-top: 50px; }

    input { padding: 8px; margin: 5px; border-radius: 5px; border: 1px solid #444; }

    button { padding: 10px 15px; margin: 5px; border: none; border-radius: 5px;
      background: #007BFF; color: white; cursor: pointer; }

    button:hover { background: #0056b3; }

    #result { margin-top: 20px; font-size: 18px; font-weight: bold; }

  </style>

</head>

<body>

  <h2>Simple Calculator</h2>

  <input type="number" id="num1" placeholder="Enter first number">

  <input type="number" id="num2" placeholder="Enter second number"><br>

  <button onclick="calculate('add')">Add</button>

  <button onclick="calculate('sub')">Subtract</button>

  <button onclick="calculate('mul')">Multiply</button>

  <button onclick="calculate('div')">Divide</button>

  <div id="result"></div>

  <script>

    function calculate(op) {

      let n1 = document.getElementById("num1").value;

      let n2 = document.getElementById("num2").value;

      if (n1 == "" || n2 == "") {

        alert("Please enter both numbers!");

        return;

      }

    }

  </script>

</body>

</html>
```

```
}

n1 = parseFloat(n1);
n2 = parseFloat(n2);
let res = "";

if (op === "add") res = n1 + n2;
else if (op === "sub") res = n1 - n2;
else if (op === "mul") res = n1 * n2;
else if (op === "div") {
  if (n2 === 0) {
    alert("Division by zero is not allowed!");
    return;
  }
  res = n1 / n2;
}

document.getElementById("result").innerHTML = "Result = " + res;
}
</script>
</body>
</html>
```

Simple Calculator

5

5

Add

Subtract

Multiply

Divide

Result = 10

Simple Calculator

<input type="text" value="10"/>	<input type="text" value="2"/>		
<input type="button" value="Add"/>	<input type="button" value="Subtract"/>	<input type="button" value="Multiply"/>	<input type="button" value="Divide"/>

Result = 8

Simple Calculator

<input type="text" value="10"/>	<input type="text" value="2"/>		
<input type="button" value="Add"/>	<input type="button" value="Subtract"/>	<input type="button" value="Multiply"/>	<input type="button" value="Divide"/>

Result = 20

Simple Calculator

<input type="text" value="10"/>	<input type="text" value="2"/>		
<input type="button" value="Add"/>	<input type="button" value="Subtract"/>	<input type="button" value="Multiply"/>	<input type="button" value="Divide"/>

Result = 5

4. Design an HTML page to accept Name (text field), Address (multiline text field), Gender (radio button), Qualification (single selection), Email ID (text field) and Hobbies (checkbox). Also take Submit and Reset button. When user clicks on Submit button, validate the contents and display accepted details in proper format.

```
<!DOCTYPE html>

<html>

<head>

<title>User Information Form</title>

<style>

body { font-family: Arial, sans-serif; margin: 40px; background: #f4f4f9; }

h2 { text-align: center; }

form { width: 400px; margin: auto; background: #fff; padding: 20px; border-radius: 10px; box-shadow: 0px 0px 10px gray; }

label { display: block; margin-top: 10px; font-weight: bold; }

input, textarea, select { width: 100%; padding: 8px; margin-top: 5px; border: 1px solid #444; border-radius: 5px; }

input[type="radio"], input[type="checkbox"] { width: auto; margin-right: 5px; }

button { padding: 10px; margin: 10px 5px 0 0; border: none; border-radius: 5px; cursor: pointer; }

#submitBtn { background: #28a745; color: white; }

#submitBtn:hover { background: #218838; }

#resetBtn { background: #dc3545; color: white; }

#resetBtn:hover { background: #c82333; }

#output { margin-top: 20px; padding: 15px; background: #fff; border-radius: 10px; box-shadow: 0px 0px 10px gray; }

</style>

</head>

<body>

<h2>User Information Form</h2>

<form id="userForm" onsubmit="return validateForm()">

<label>Name:</label>

<input type="text" id="name" placeholder="Enter your name">

<br>

<label>Address:</label>

<textarea id="address" rows="3" placeholder="Enter your address"></textarea>

<br>

<label>Gender:</label>
```

```
<input type="radio" name="gender" value="Male"> Male
```

```
<input type="radio" name="gender" value="Female"> Female
```

```
<label>Qualification:</label>
```

```
<select id="qualification">
```

```
  <option value="">--Select Qualification--</option>
```

```
  <option>10th</option>
```

```
  <option>12th</option>
```

```
  <option>Graduate</option>
```

```
  <option>Post-Graduate</option>
```

```
</select>
```

```
<label>Email ID:</label>
```

```
<input type="text" id="email" placeholder="Enter your email">
```

```
<label>Hobbies:</label>
```

```
<input type="checkbox" name="hobby" value="Reading"> Reading
```

```
<input type="checkbox" name="hobby" value="Sports"> Sports
```

```
<input type="checkbox" name="hobby" value="Music"> Music
```

```
<input type="checkbox" name="hobby" value="Traveling"> Traveling
```

```
<br>
```

```
<button type="submit" id="submitBtn">Submit</button>
```

```
<button type="reset" id="resetBtn">Reset</button>
```

```
</form>
```

```
<div id="output"></div>
```

```
<script>
```

```
function validateForm() {
```

```
  let name = document.getElementById("name").value.trim();
```

```
  let address = document.getElementById("address").value.trim();
```



```

let gender = document.querySelector('input[name="gender"]:checked');

let qualification = document.getElementById("qualification").value;

let email = document.getElementById("email").value.trim();

let hobbies = document.querySelectorAll('input[name="hobby"]:checked');


// Validation

if (name === "") { alert("Please enter your Name."); return false; }
if (address === "") { alert("Please enter your Address."); return false; }
if (!gender) { alert("Please select your Gender."); return false; }
if (qualification === "") { alert("Please select your Qualification."); return false; }
if (email === "" || !/^[^s@]+@^[^s@]+\.[^s@]+$/ .test(email)) {
    alert("Please enter a valid Email ID.");
    return false;
}

if (hobbies.length === 0) { alert("Please select at least one Hobby."); return false; }


// Prepare hobbies string

let hobbyList = [];

hobbies.forEach(h => hobbyList.push(h.value));


// Display details

document.getElementById("output").innerHTML = `

<h3>Submitted Details:</h3>

<p><b>Name:</b> ${name}</p>

<p><b>Address:</b> ${address}</p>

<p><b>Gender:</b> ${gender.value}</p>

<p><b>Qualification:</b> ${qualification}</p>

<p><b>Email:</b> ${email}</p>

<p><b>Hobbies:</b> ${hobbyList.join(", ")}</p>

`;

return false; // Prevent actual form submission

```

```

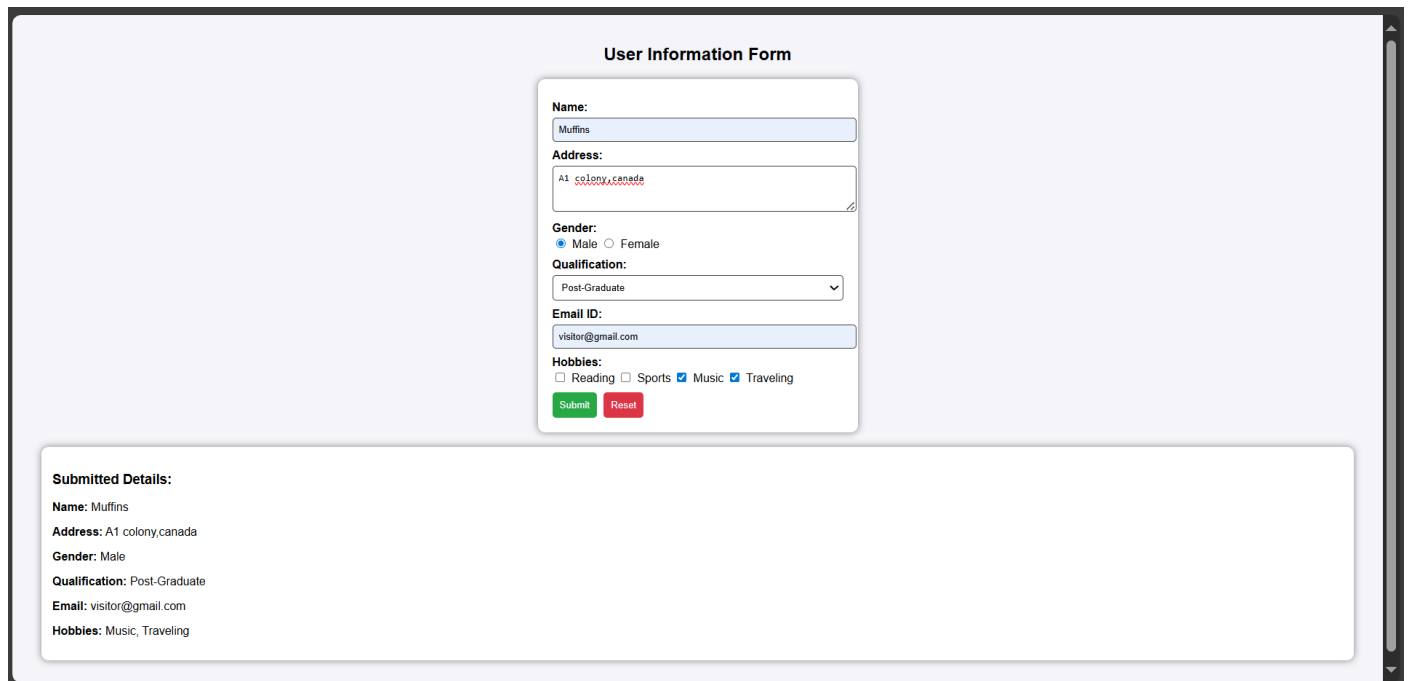
}

</script>

</body>

</html>

```



The image shows a web form titled "User Information Form" and a section for "Submitted Details".

User Information Form:

- Name:** Muffins
- Address:** A1 colony, canada
- Gender:** ☒ Male ☐ Female
- Qualification:** Post-Graduate
- Email ID:** visitor@gmail.com
- Hobbies:** ☐ Reading ☐ Sports ☒ Music ☒ Traveling
- Buttons:** Submit (green), Reset (red)

Submitted Details:

- Name:** Muffins
- Address:** A1 colony, canada
- Gender:** Male
- Qualification:** Post-Graduate
- Email:** visitor@gmail.com
- Hobbies:** Music, Traveling

5. Create an Online Movie Ticket booking site that has the following facilities.

- a) Sign up/ Sign in page
- b) Book now registration page with seat availability
- c) Movies pages with following categories
 - a. Hollywood
 - b. Bollywood
 - c. All movies

A) Sign up/ Sign in page

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Sign In</title>

  <style>

```

```
body {  
  font-family: Arial, sans-serif;  
  background: linear-gradient(135deg, #dd2476, #ff512f);  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  height: 100vh;  
  margin: 0;  
}  
  
.container {  
  background: #fff;  
  padding: 25px;  
  width: 380px;  
  border-radius: 12px;  
  box-shadow: 0 4px 10px rgba(0,0,0,0.3);  
}  
  
h2 {  
  text-align: center;  
  color: #333;  
  margin-bottom: 20px;  
}  
  
label {  
  display: block;  
  margin: 8px 0 5px;  
  color: #555;  
}  
  
input {  
  width: 100%;  
  padding: 10px;  
  border-radius: 6px;  
  border: 1px solid #ccc;  
  margin-bottom: 15px;
```

```
}  
  
button {  
  width: 100%;  
  padding: 10px;  
  background: #dd2476;  
  color: white;  
  border: none;  
  border-radius: 6px;  
  font-size: 16px;  
  cursor: pointer;  
}  
  
button:hover {  
  background: #b81c62;  
}  
  
.link {  
  text-align: center;  
  margin-top: 15px;  
}  
  
.link a {  
  color: #dd2476;  
  text-decoration: none;  
}  
  
.link a:hover {  
  text-decoration: underline;  
}  
  
</style>  
</head>  
<body>  
  
  <div class="container">  
  
    <h2>Sign In</h2>  
  
    <form>  
  
      <label>Email</label>
```

```
<input type="email" placeholder="Enter your email" required>
```

```
<label>Password</label>
```

```
<input type="password" placeholder="Enter your password" required>
```

```
<button type="submit">Login</button>
```

```
</form>
```

```
<div class="link">
```

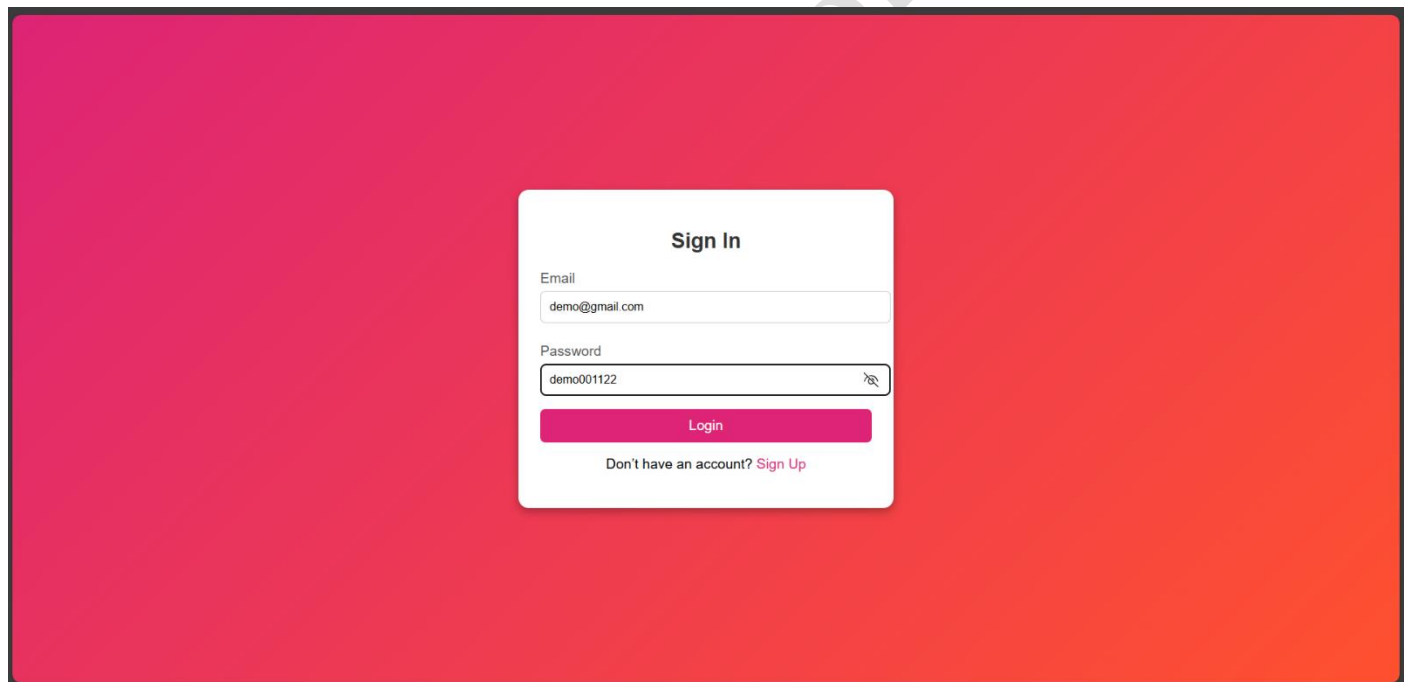
```
<p>Don't have an account? <a href="index2.html">Sign Up</a></p>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```



```
<!DOCTYPE html>
```

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

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Sign Up</title>
```

```
<style>
```

```
body {
```

```
  font-family: Arial, sans-serif;
```

```
  background: linear-gradient(135deg, #ff512f, #dd2476);
```

```
  display: flex;
```

```
  justify-content: center;
```

```
  align-items: center;
```

```
  height: 100vh;
```

```
  margin: 0;
```

```
}
```

```
.container {
```

```
  background: #fff;
```

```
  padding: 25px;
```

```
  width: 380px;
```

```
  border-radius: 12px;
```

```
  box-shadow: 0 4px 10px rgba(0,0,0,0.3);
```

```
}
```

```
h2 {
```

```
  text-align: center;
```

```
  color: #333;
```

```
  margin-bottom: 20px;
```

```
}
```

```
label {
```

```
  display: block;
```

```
  margin: 8px 0 5px;
```

```
  color: #555;
```

```
}
```

```
input {
```

```
  width: 100%;
```

```
  padding: 10px;
```

```
  border-radius: 6px;
```

```
border: 1px solid #ccc;

margin-bottom: 15px;
}

button {

width: 100%;

padding: 10px;

background: #dd2476;

color: white;

border: none;

border-radius: 6px;

font-size: 16px;

cursor: pointer;

}

button:hover {

background: #b81c62;

}

.link {

text-align: center;

margin-top: 15px;

}

.link a {

color: #dd2476;

text-decoration: none;

}

.link a:hover {

text-decoration: underline;

}

</style>

</head>

<body>

<div class="container">

<h2>Sign Up</h2>
```

```
<form>

  <label>Full Name</label>

  <input type="text" placeholder="Enter your full name" required>

  <label>Email</label>

  <input type="email" placeholder="Enter your email" required>

  <label>Password</label>

  <input type="password" placeholder="Enter password" required>

  <label>Confirm Password</label>

  <input type="password" placeholder="Re-enter password" required>

  <button type="submit">Register</button>

</form>

<div class="link">

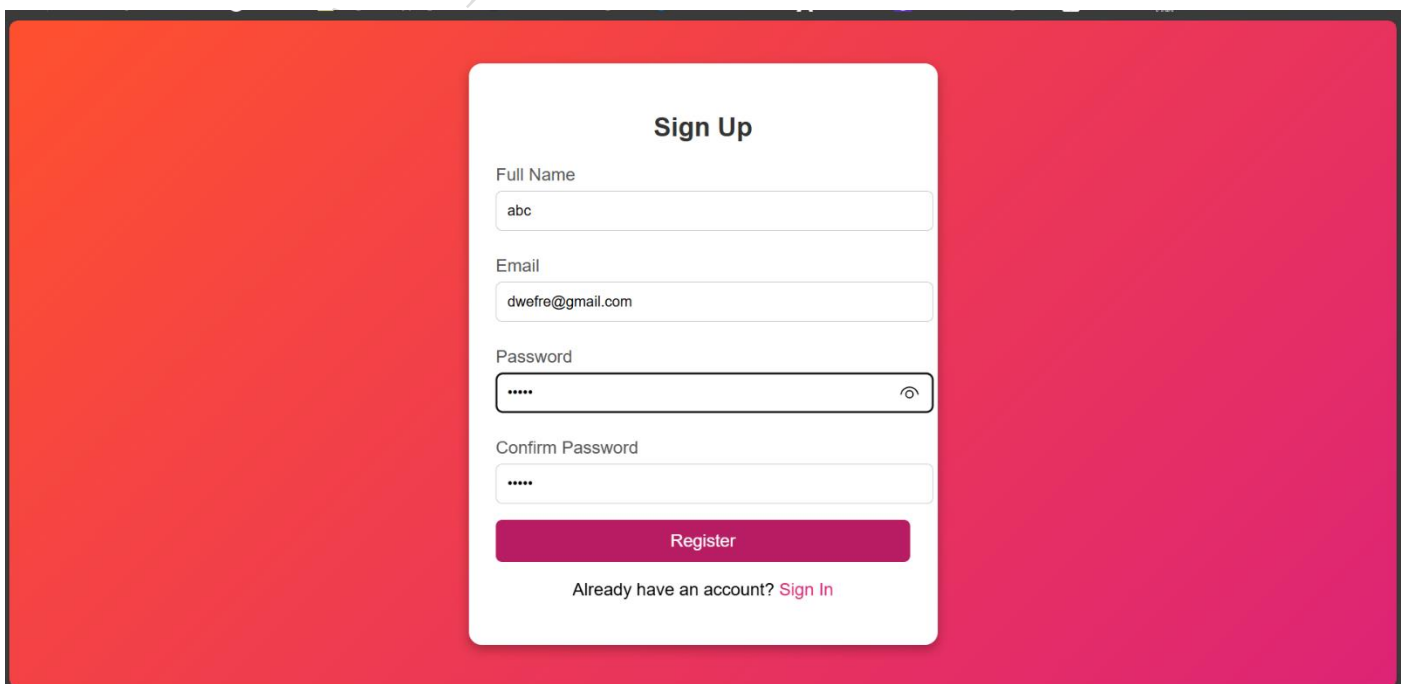
  <p>Already have an account? <a href="index.html">Sign In</a></p>

</div>

</div>

</body>

</html>
```



The image shows a 'Sign Up' form centered on a red-to-pink gradient background. The form is a white card with a black border. It contains the following elements:

- Sign Up**: A title in bold black text at the top of the card.
- Full Name**: A text input field with the placeholder 'Full Name' and the value 'abc'.
- Email**: A text input field with the placeholder 'Email' and the value 'dwefre@gmail.com'.
- Password**: A password input field with the placeholder 'Password', masked with '****', and a toggle icon on the right.
- Confirm Password**: A password input field with the placeholder 'Confirm Password', masked with '****'.
- Register**: A purple button with white text.
- Already have an account? Sign In**: A line of text at the bottom where 'Sign In' is a purple link.

B) Book now registration page with seat availability

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Book Tickets</title>

  <link rel="stylesheet" href="style.css">

  <script src="script.js" defer></script>

</head>

<body>

  <header>

    <h1>🎬 Book Your Tickets</h1>

    <nav>

      <a href="index.html">Home</a>

      <a href="hollywood.html">Hollywood</a>

      <a href="bollywood.html">Bollywood</a>

      <a href="allmovies.html">All Movies</a>

    </nav>

  </header>

  <div class="form-container">

    <h2>Choose Seats</h2>

    <form onsubmit="return validateBooking()">

      <label>Movie Name:</label>

      <select id="Movie Name" required>

        <option value="">--Select--</option>

        <option value="A1">Avengers: Endgame</option>

        <option value="A2">Inception</option>

        <option value="B1">Avatar</option>

      </select>

      <label>No. of Tickets:</label>
```

```
<input type="number" id="tickets" min="1" max="10" required>
```

```
<label>Select Date:</label>
```

```
<input type="date" id="date" required>
```

```
<label>Available Seats:</label>
```

```
<select id="seats" required>
```

```
<option value="">--Select--</option>
```

```
<option value="A1">A1</option>
```

```
<option value="A2">A2</option>
```

```
<option value="B1">B1</option>
```

```
<option value="B2">B2</option>
```

```
</select>
```

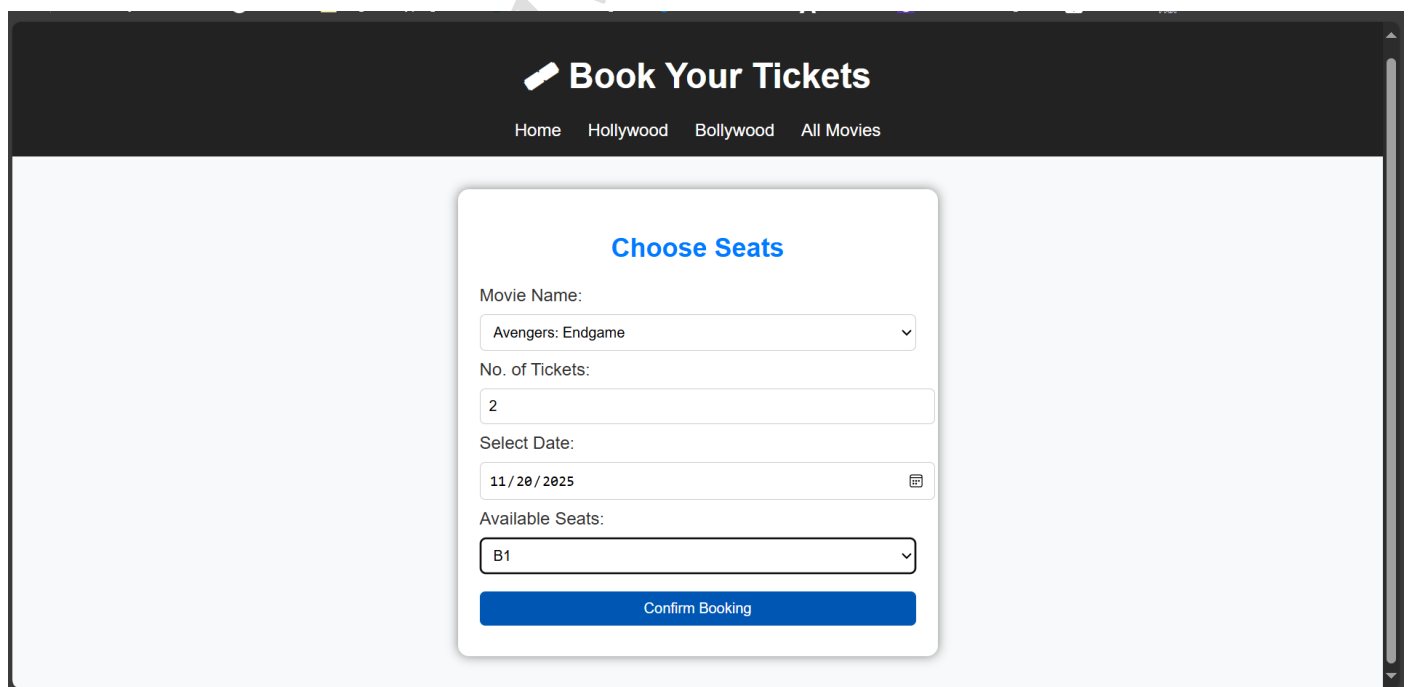
```
<button type="submit">Confirm Booking</button>
```

```
</form>
```

```
</div>
```

```
</body>
```

```
</html>
```



Book Your Tickets

Home Hollywood Bollywood All Movies

Choose Seats

Movie Name:
Avengers: Endgame

No. of Tickets:
2

Select Date:
11/20/2025

Available Seats:
B1

Confirm Booking

C) Movies pages with following categories**a. Hollywood****b. Bollywood****c. All movies**

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Hollywood Movies</title>

  <link rel="stylesheet" href="style.css">

</head>

<body>

  <header>

    <h1>🎬 Hollywood Movies</h1>

    <nav>

      <a href="index.html">Home</a>

      <a href="book.html">Book Now</a>

      <a href="bollywood.html">Bollywood</a>

      <a href="allmovies.html">All Movies</a>

    </nav>

  </header>

  <section class="movie-list">

    <div class="movie-card">Avengers: Endgame</div>

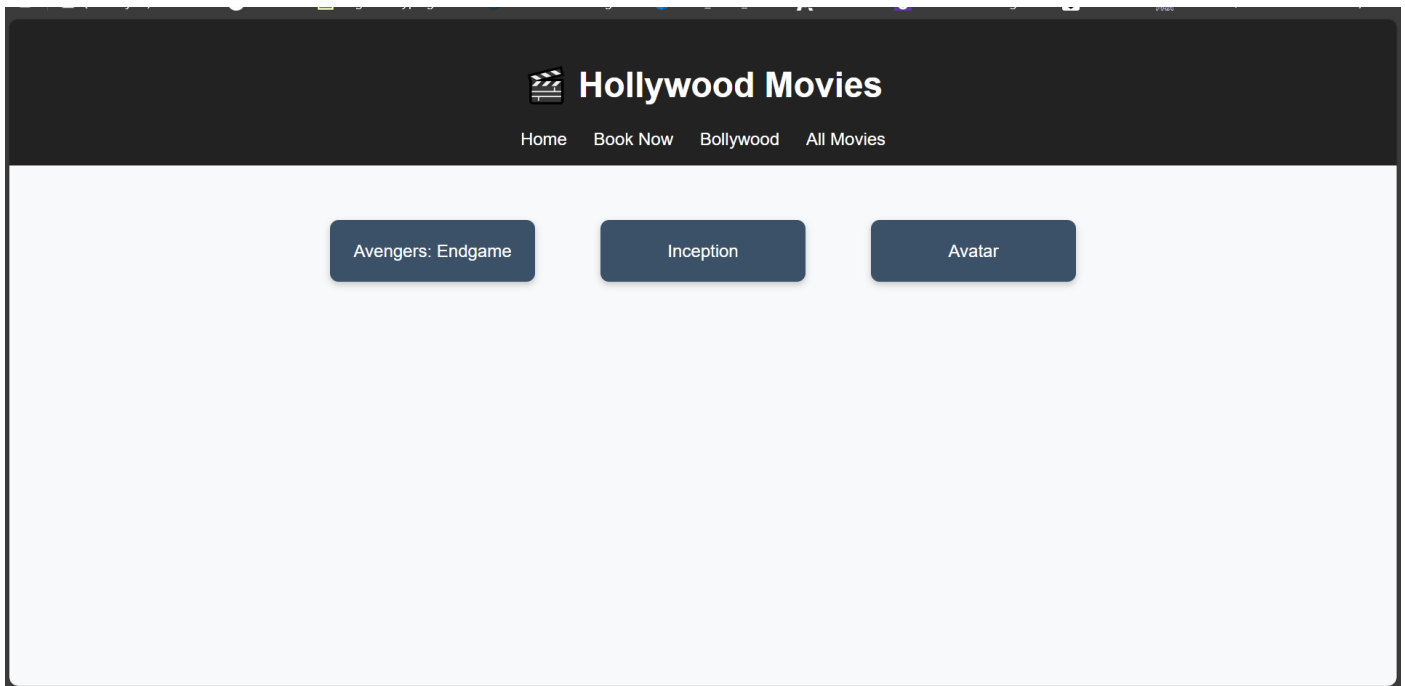
    <div class="movie-card">Inception</div>

    <div class="movie-card">Avatar</div>

  </section>

</body>

</html>
```



```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Bollywood Movies</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <header>
    <h1><img alt="clapperboard icon" data-bbox="121 638 141 653"/> Bollywood Movies</h1>
    <nav>
      <a href="index.html">Home</a>
      <a href="book.html">Book Now</a>
      <a href="hollywood.html">Hollywood</a>
      <a href="allmovies.html">All Movies</a>
    </nav>
  </header>

  <section class="movie-list">
    <div class="movie-card">3 Idiots</div>
```

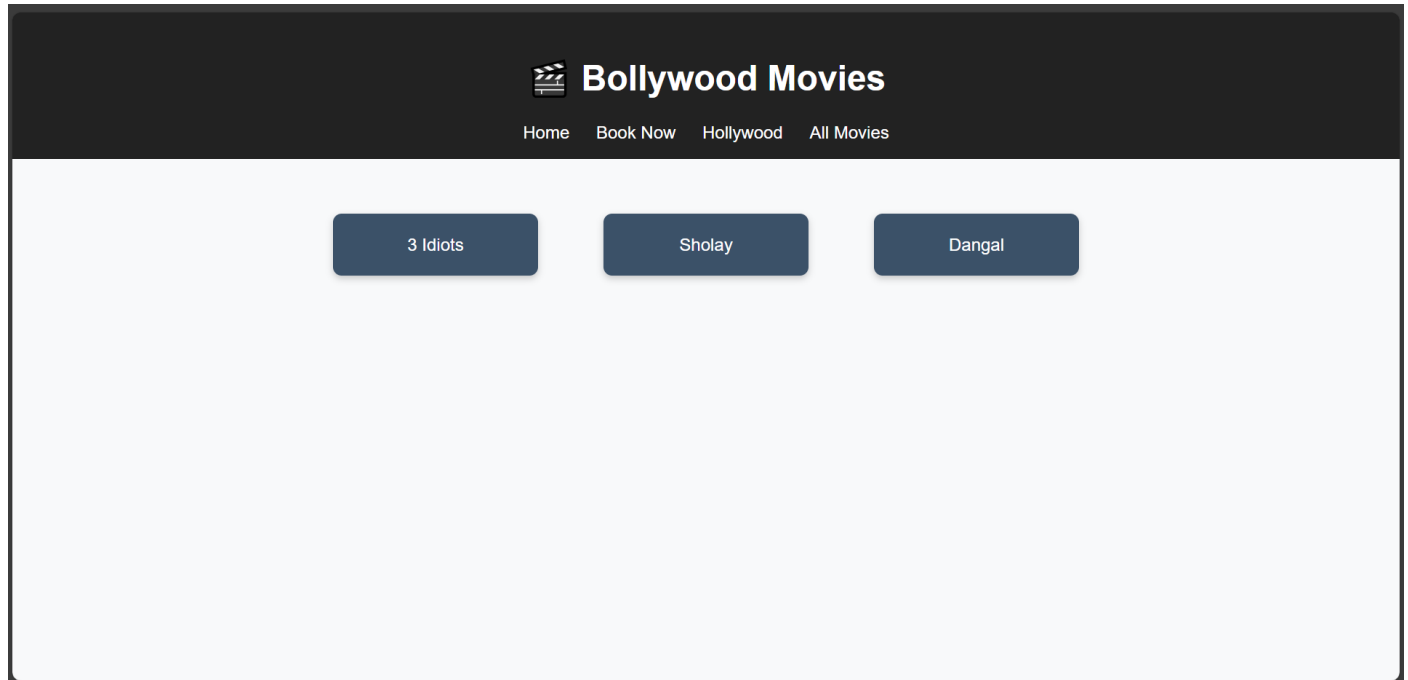
```
<div class="movie-card">Sholay</div>

<div class="movie-card">Dangal</div>

</section>

</body>

</html>
```



```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>All Movies</title>

  <link rel="stylesheet" href="style.css">

</head>

<body>

  <header>

    <h1><img alt="clapperboard icon" data-bbox="121 778 141 793"/> All Movies</h1>

    <nav>

      <a href="index.html">Home</a>

      <a href="book.html">Book Now</a>

      <a href="hollywood.html">Hollywood</a>

      <a href="bollywood.html">Bollywood</a>
```

```
</nav>

</header>

<section class="movie-list">

  <div class="movie-card">Avengers: Endgame</div>

  <div class="movie-card">3 Idiots</div>

  <div class="movie-card">Inception</div>

  <div class="movie-card">Dangal</div>

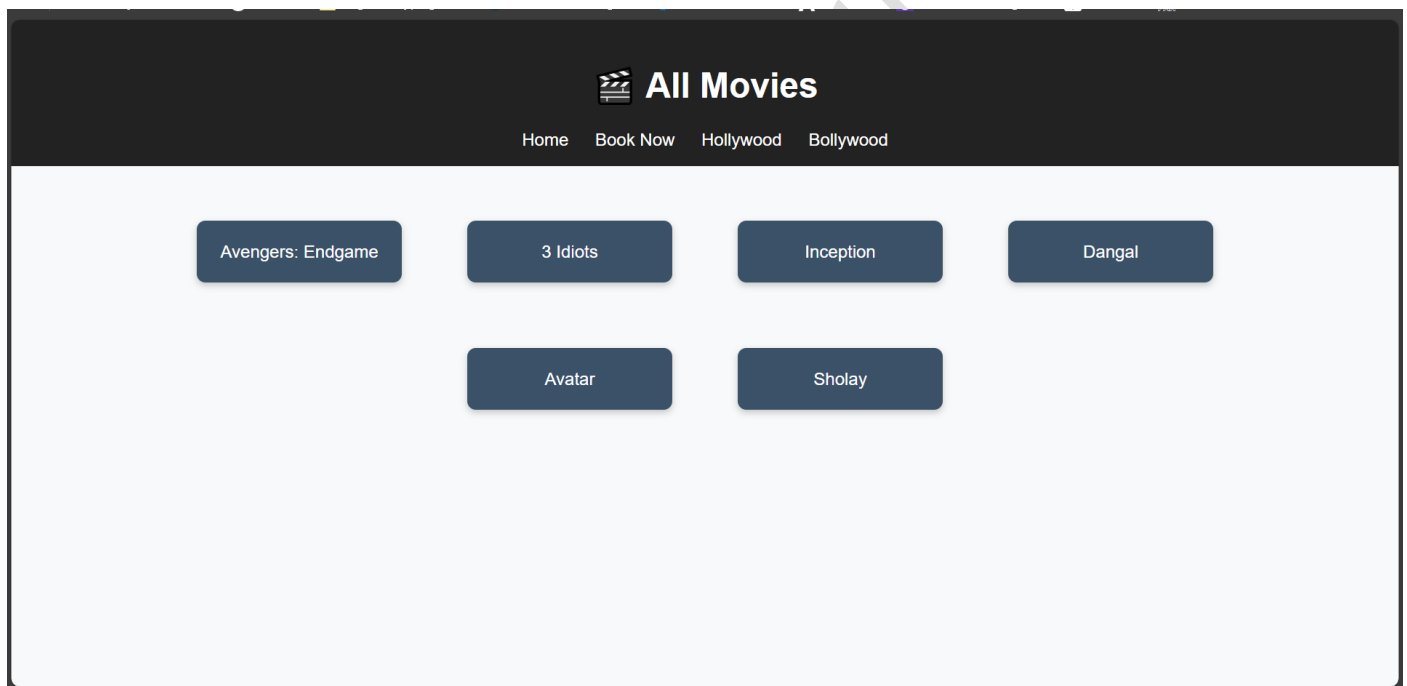
  <div class="movie-card">Avatar</div>

  <div class="movie-card">Sholay</div>

</section>

</body>

</html>
```



➤ **CSS File:-**

```
body {  
  font-family: Arial, sans-serif;  
  background: #f8f9fa;  
  margin: 0;  
  padding: 0;  
  color: #333;  
}
```

```
header {  
  background: #222;  
  color: #fff;  
  padding: 15px;  
  text-align: center;  
}
```

```
nav a {  
  color: #fff;  
  margin: 0 10px;  
  text-decoration: none;  
}
```

```
.form-container {  
  background: #fff;  
  margin: 30px auto;  
  padding: 20px;  
  width: 400px;  
  border-radius: 10px;  
  box-shadow: 0 0 10px gray;  
}
```

```
.form-container h2 {  
  text-align: center;  
  color: #007bff;  
}
```

```
input, select, button {  
  width: 100%;  
  padding: 8px;  
  margin: 8px 0;  
  border-radius: 5px;  
  border: 1px solid #ccc;  
}
```

```
button {  
  background: #007bff;  
  color: white;  
  border: none;
```

```
    cursor: pointer;  
}
```

```
button:hover {  
    background: #0056b3;  
}
```

```
.movie-list {  
    display: flex;  
    flex-wrap: wrap;  
    justify-content: center;  
    padding: 20px;  
}
```

```
.movie-card {  
    background: #3b5168;  
    color: white;  
    margin: 30px;  
    padding: 19px;  
    border-radius: 8px;  
    width: 150px;  
    text-align: center;  
    box-shadow: 0 3px 6px rgba(0,0,0,0.2);  
}
```


➤ **JAVA SCRIPT File:-**

```
// Validate Sign Up
function validateSignup() {
    let pass = document.getElementById("password").value;
    let confirmPass = document.getElementById("confirmPassword").value;
    if (pass !== confirmPass) {
        alert("Passwords do not match!");
        return false;
    }
    alert("Sign Up Successful!");
    return true;
}

// Validate Login
function validateLogin() {
    let email = document.getElementById("loginEmail").value;
    let password = document.getElementById("loginPassword").value;
    if (email === "" || password === "") {
        alert("Please enter both email and password!");
        return false;
    }
    alert("Login Successful!");
    return true;
}

// Validate Booking
function validateBooking() {
    let movie = document.getElementById("movieName").value;
    let tickets = document.getElementById("tickets").value;
    if (movie === "" || tickets < 1) {
        alert("Please enter movie name and valid tickets!");
        return false;
    }
    alert("Booking Confirmed!");
    return true;
}
```

6. Create an online Hotel Booking Website which provide following modules.

- a) Booking hotel registration of customer(registration required field likes Emails, Password, Birth date, Gender, Language, City and Mobile number)
- b) Login Page
- c) Booking Packages that display different images of Hotels with Details and services Page.

A) Booking hotel registration of customer(registration required field likes Emails, Password, Birth date, Gender, Language, City and Mobile number)

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Hotel Booking Registration</title>

  <style>

    body { font-family: Arial, sans-serif; background-color: #f8f9fa; }

    .container { max-width: 500px; margin: 50px auto; background: white; padding: 30px; border-radius: 10px; box-shadow: 0 0 10px #ccc; }

    h2 { text-align: center; color: #007bff; }

    label { display: block; margin: 10px 0 5px; }

    input, select { width: 100%; padding: 8px; margin-bottom: 10px; border-radius: 5px; border: 1px solid #ccc; }

    .btn { background-color: #007bff; color: white; padding: 10px; border: none; cursor: pointer; width: 100%; border-radius: 5px; }

    .btn:hover { background-color: #0056b3; }

    .error { color: red; font-size: 14px; }

  </style>

</head>

<body>

  <div class="container">

    <h2>Customer Registration</h2>

    <form id="registrationForm" onsubmit="return validateForm()">

      <label>Email:</label>

      <input type="email" id="email" required>

      <label>Password:</label>

      <input type="password" id="password" required>

      <label>Birth Date:</label>

      <input type="date" id="birthdate" required>
```

```
<label>Gender:</label>
```

```
<select id="gender" required>
```

```
  <option value="">Select Gender</option>
```

```
  <option value="Male">Male</option>
```

```
  <option value="Female">Female</option>
```

```
  <option value="Other">Other</option>
```

```
</select>
```

```
<label>Language:</label>
```

```
<input type="text" id="language" required>
```

```
<label>City:</label>
```

```
<input type="text" id="city" required>
```

```
<label>Mobile Number:</label>
```

```
<input type="text" id="mobile" required>
```

```
<button type="submit" class="btn">Register</button>
```

```
<p id="errorMsg" class="error"></p>
```

```
</form>
```

```
</div>
```

```
<script>
```

```
  function validateForm() {
```

```
    let email = document.getElementById('email').value;
```

```
    let password = document.getElementById('password').value;
```

```
    let mobile = document.getElementById('mobile').value;
```

```
    let errorMsg = document.getElementById('errorMsg');
```

```
    if (password.length < 6) {
```

```
      errorMsg.textContent = "Password must be at least 6 characters long.";
```

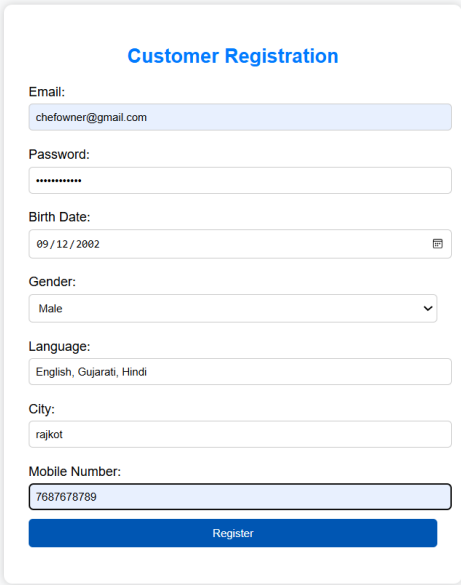
```
        return false;
    }

    if (!/^\d{10}$/.test(mobile)) {
        errorMsg.textContent = "Mobile number must be 10 digits.";
        return false;
    }

    alert("Registration Successful!");

    return true;
}

</script>
</body>
</html>
```



The image shows a web form titled "Customer Registration" centered on a light gray background. The form is a white box with a blue header. It contains several input fields: Email (with "chefowner@gmail.com" entered), Password (masked with dots), Birth Date (with "09/12/2002" and a calendar icon), Gender (a dropdown menu with "Male" selected), Language (with "English, Gujarati, Hindi" entered), City (with "rajkot" entered), and Mobile Number (with "7687678789" entered). A blue "Register" button is at the bottom of the form.

Customer Registration	
Email:	<input type="text" value="chefowner@gmail.com"/>
Password:	<input type="password" value="....."/>
Birth Date:	<input type="text" value="09/12/2002"/>
Gender:	<input type="text" value="Male"/>
Language:	<input type="text" value="English, Gujarati, Hindi"/>
City:	<input type="text" value="rajkot"/>
Mobile Number:	<input type="text" value="7687678789"/>
<input type="button" value="Register"/>	

B) Login Page

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Login</title>

  <style>

    body { font-family: Arial, sans-serif; background-color: #f8f9fa; }

    .container { max-width: 400px; margin: 50px auto; background: white; padding: 30px; border-radius: 10px; box-
shadow: 0 0 10px #ccc; }

    h2 { text-align: center; color: #007bff; }

    label { display: block; margin: 10px 0 5px; }

    input { width: 100%; padding: 8px; margin-bottom: 10px; border-radius: 5px; border: 1px solid #ccc; }

    .btn { background-color: #007bff; color: white; padding: 10px; border: none; cursor: pointer; width: 100%;
border-radius: 5px; }

    .btn:hover { background-color: #0056b3; }

  </style>

</head>

<body>

  <div class="container">

    <h2>Login</h2>

    <form onsubmit="return loginValidate()">

      <label>Email:</label>

      <input type="email" id="loginEmail" required>

      <label>Password:</label>

      <input type="password" id="loginPassword" required>

      <button type="submit" class="btn">Login</button>

    </form>

  </div>
```

```
<script>

function loginValidate() {

    let email = document.getElementById('loginEmail').value;

    let password = document.getElementById('loginPassword').value;

    // Simple demo validation

    if(email == "" || password == "") {

        alert("Please enter email and password.");

        return false;

    }

    alert("Login Successful!");

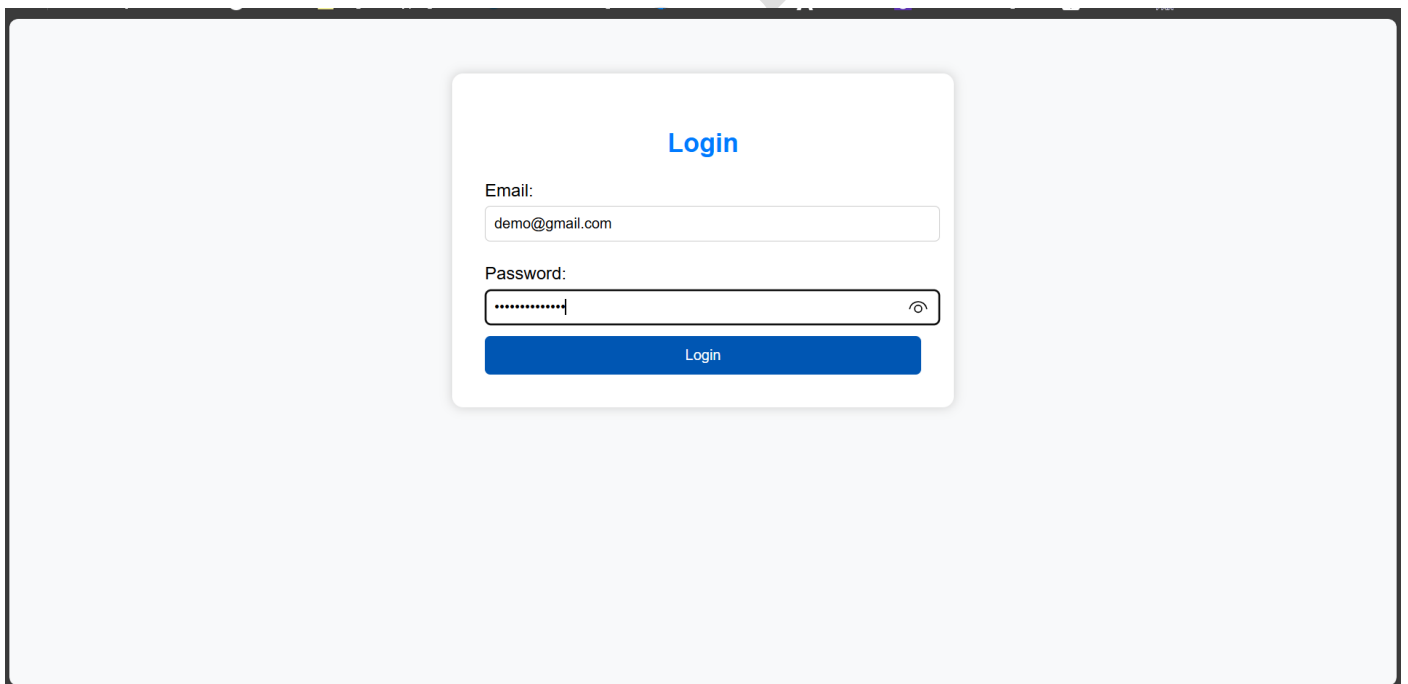
    return true;

}

</script>

</body>

</html>
```



Roll No-24214

C) Booking Packages that display different images of Hotels with Details and services Page.

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Hotel Packages</title>

  <style>

    body { font-family: Arial, sans-serif; background-color: #f8f9fa; margin: 0; padding: 0; }

    header { background-color: #007bff; color: white; padding: 20px; text-align: center; }

    .container { display: flex; flex-wrap: wrap; justify-content: center; padding: 30px; }

    .card { background: white; margin: 15px; padding: 20px; width: 250px; border-radius: 10px; box-shadow: 0 0 10px #ccc; text-align: center; }

    .card img { width: 100%; border-radius: 10px; }

    .card h3 { color: #007bff; }

    .btn { background-color: #007bff; color: white; padding: 10px; border: none; cursor: pointer; margin-top: 10px; border-radius: 5px; }

    .btn:hover { background-color: #0056b3; }

    .button{ display: inline-block; margin-top: 10px; padding: 10px 15px; background: #007bff; color: white; text-decoration: none; border-radius: 6px; transition: 0.3s;}

    .button:hover { background: #0056b3;}

  </style>

</head>

<body>

  <header>

    <h1>Available Hotel Packages</h1>

  </header>

  <div class="container">

    <div class="card">

      <h3>Hotel Sunshine</h3>

      <p>Free breakfast, Pool, Wi-Fi</p>

      <a href="register.html" class="button">book now</a>

    </div>

  </div>


```

```
</div>

<div class="card">

  <h3>Grand Palace</h3>

  <p>Spa, Gym, Restaurant</p>

  <a href="register.html" class="button">book now</a>

</div>

<div class="card">

  <h3>Sea View Hotel</h3>

  <p> Spa, Gym, Restaurant, Free Wi-Fi</p>

  <a href="register.html" class="button">book now</a>

</div>

</div>

</body>

</html>
```

Available Hotel Packages



Hotel Sunshine

Free breakfast, Pool, Wi-Fi

[book now](#)



Grand Palace

Spa, Gym, Restaurant

[book now](#)



Sea View Hotel

Spa, Gym, Restaurant, Free Wi-Fi

[book now](#)