INSTITUTE OF TECHNOLOGY AND MANAGEMENT SKILLS UNIVERSITY,
KHARGHAR, NAVI MUMBAI

CSS LAB MANUAL

Prepared by:

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Batch: 2023-27

Dept. of CSE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

<u>CERTIFICATE</u>

This is to certify that Mr. Prem Anil Thakare Roll No. 150096723002 of 2nd Semester

of B.Tech Computer Science & Engineering of ITM Skills University, Kharghar, Navi

Mumbai , has completed the term work satisfactorily in subject CSS for the academic

year 2023 - 2027 as prescribed in the curriculum.

Place:

Date: 06/04/2024

Subject I/C   **HOD**

INDEX

Exp. No	List of Experiment	Date of Submission	Sign
1	Design a web page using CSS (Cascading Style Sheets) whichincludes the following: 1) Use different font, styles: In the style definition you define how each selector should work (font,color etc.). Then, in the body of your pages, you refer to these selectors to activate the styles.		
2	Write a HTML/CSS program to develop a static Web Page forShopping Cart.		
3	Design the following static web pages required for an online bookstore web site. 1) HOME PAGE: The static home page must contain three frames. 2) LOGIN PAGE 3) CATOLOGUE PAGE: The catalogue page should contain thedetails of all the books available in the web site in a table. 4) REGISTRATION PAGE		

| 4 | Create a external style sheet named as "external_css.css" and provide some styles for h2, hr, p & a tags. Create an html file named as "4Style_sheet.html"

      • Include the external style sheet with necessary tag.

      • Include the internal style sheet for body tags & also use class name,so that the style can be applied for all tags.

      • Include a <p> tags with inline style sheet. | | |
| 5 | WEB SITE project | | |

Name of Student: <u>Prem Anil Thakare</u>

Roll Number: 150096723002

Experiment No: 01

Title:

Design a web page using CSS (Cascading Style Sheets) whichincludes the following:

1) Use different font, styles: In the style definition you define how each selector should work (font,color etc.). Then, in the body of your pages, you refer to these selectors to activate the styles.

Theory:

1. CSS Selectors:
   - In CSS, selectors are used to target HTML elements and apply styling to them.
   - In the provided code, classes are used as selectors to target specific elements for styling.

2. Font Properties:
   - `font-family`: Specifies the font family to be used for the selected elements.
   - `font-size`: Sets the size of the font.
   - `font-weight`: Determines the thickness of the font.
   - `font-style`: Specifies the style of the font, such as italic or normal.
   - `color`: Defines the color of the text.
   - `text-decoration`: Adds visual emphasis to text, such as underline or none.
   - `font-variant`: Specifies whether or not the text should be displayed in small caps.

Code:

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

      body {
          font-family: Arial, sans-serif;
          color: #333;
          background-color: #f0f0f0;
          margin: 0;
```

```css
            padding: 0;
        }

        h1 {
            font-family: 'Courier New', Courier, monospace;
            color: #ff5733;
            text-align: center;
            margin-top: 50px;
        }

        p {
            font-style:normal;
            line-height: 1.6;
            margin: 20px;
        }

        .highlight {
            background-color: #ffc107;
            border-radius: 20px;
            padding: 10px;
        }
    </style>
</head>
<body>
    <h1>Welcome to CSS Styling Example.</h1>

    <p>This is a paragraph with <span class="highlight">highlighted</span> text.</p>

    <p><em>This is another paragraph with <strong>bold</strong> and italic text.</em></p>

    <p>This is a paragraph with regular text.</p>
</body>
</html>
```
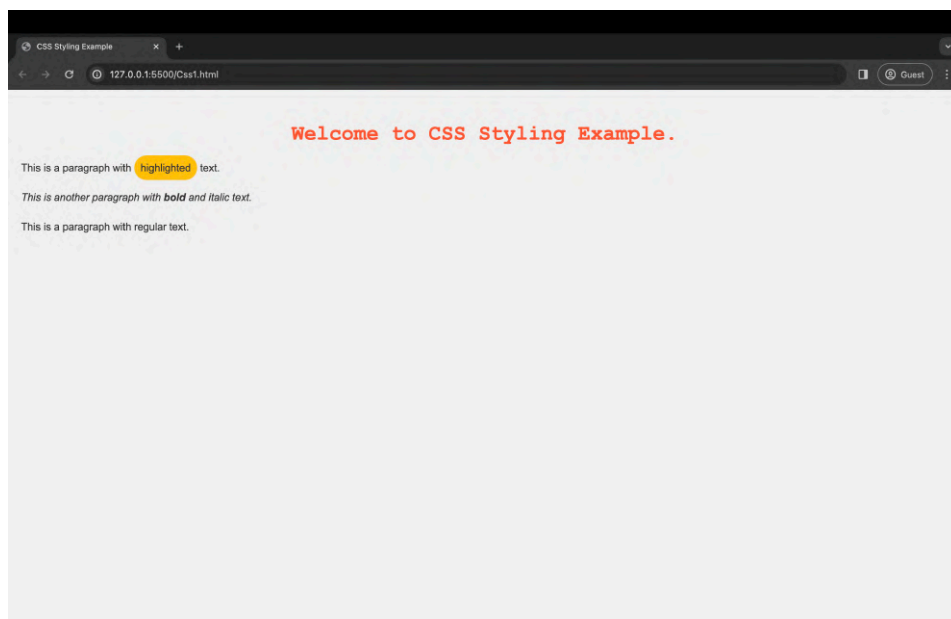
Output: (screenshot)

Conclusion:

The provided code effectively demonstrates the use of CSS to style different elements of a web page with various font properties. By defining CSS rules for specific classes, it ensures consistency and ease of maintenance across the website. Overall, the code showcases the power and flexibility of CSS in controlling the visual presentation of web pages.

Name of Student: <u>Prem Anil Thakare</u>

Roll Number: 150096723002

Experiment No: 02

Title:

Write a HTML/CSS program to develop a static Web Page for Shopping Cart.

Theory:

1. HTML Structure:
   - The HTML structure defines a shopping cart page.
   - It includes a container div to hold all the content.
   - Each product is represented by a `div` with the class `product`.
   - Product information such as image, name, details, and price are included within each product div.
   - A button with the class `cart-button` is provided to proceed to checkout.

2. CSS Styling:
   - The CSS code provides styling for various elements within the shopping cart page.
   - It sets the font family, margin, padding, and background color for the body.
   - The container div is styled to have a maximum width, margin, padding, background color, box shadow, and border radius for a visually appealing layout.
   - Product elements are styled to display in a row with border-bottom, padding, and flex properties for alignment.
   - Product images have a maximum width, border radius, and box shadow for a consistent appearance.
   - Product information such as name, size, units, status, and price are styled accordingly with appropriate colors and font sizes.
   - The cart button is styled with background color, text color, padding, border radius, and hover effect for interaction.

Code:

Main.html
```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Shopping Cart</title>
    <link rel="stylesheet" href="style.css" />
  </head>
```

```html
<body>
  <div class="container">
    <h1 class="heading">Shopping Cart</h1>
    <div class="product">
     <img
       src="https://www.armani.com/variants/images/1647597327987395/F/w800.jpg"
       alt="Product 1"
     />
     <div class="info">
      <div class="name">
        Upton Line double-breasted jacket in wool, silk, linen and cashmere
        chequerboard jacquard
      </div>
      <div class="details">
       <div class="size">
         The model is 188 cm tall and is wearing size 48/M
       </div>
       <div class="units">Available: 10 units</div>
       <div class="status selling-fast">In Stock</div>
      </div>
      <div class="price">USD 3,250</div>
     </div>
    </div>
    <div class="product">
     <img
       src="https://www.armani.com/variants/images/17411127375893588/D/w800.jpg"
       alt="Product 2"
     />
     <div class="info">
      <div class="name">Velvet loafers with embroidered logo</div>
      <div class="details">
       <div class="size">Size: 42 EU</div>
       <div class="units">Available: 5 unit</div>
       <div class="status last-piece">Selling Fast</div>
      </div>
      <div class="price">USD 1,100</div>
     </div>
    </div>
    <div class="product">
     <img
       src="https://www.armani.com/variants/images/1647597339322102/F/w800.jpg"
       alt="Product 3"
     />
     <div class="info">
      <div class="name">Multifunction Black Stainless Steel Watch</div>
      <div class="details">
       <div class="size">Size: 42mm</div>
       <div class="units">Out of Stock</div>
       <div class="status out-of-stock">Out of Stock</div>
```

```html
        </div>
        <div class="price">USD 180</div>
      </div>
    </div>
    <a href="https://pay.google.com/about/" class="cart-button"
      >Proceed to Checkout</a
    >
  </div>
</body>
</html>
```

Style.css
```css
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: hsl(159, 100%, 94%);
}

.container {
  max-width: 800px;
  margin: 20px auto;
  padding: 20px;
  background-color:aliceblue;
  box-shadow: 0 0 20px rgba(0, 0, 0, 0.1);
  border-radius: 10px;
}

.heading {
  text-align: center;
  margin-bottom: 25px;
  color:rgb(87, 117, 28);
  font-family: 'Times New Roman', Times, serif;
}

.product {
  border-bottom: 1px solid #e0e0e0;
  padding: 20px 0;
  display: flex;
  align-items: center;
}

.product img {
  max-width: 100px;
  height: auto;
  margin-right: 20px;
  border-radius: 5px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
```

```css
    }

    .info {
      flex-grow: 1;
    }

    .name {
      font-weight: bold;
      font-size: 16px;
      color: #333;
    }

    .price {
      color: #00c41a;
    }

    .cart-button {
      background-color: #6d6d6d;
      color: #fff;
      padding: 12px 20px;
      text-decoration: none;
      border-radius: 5px;
      display: block;
      text-align: center;
      font-weight: bold;
      transition: background-color 0.3s ease;
    }

    .cart-button:hover {
      background-color:#2c2c2c;
    }
.details {
      margin-bottom: 10px;
    }

    .size,
    .units,
    .status {
      font-size: 14px;
      color: #777;
    }

    .status {
      font-weight: bold;
      display: inline-block;
      padding: 4px 8px;
      border-radius: 4px;
      margin-right: 8px;
```

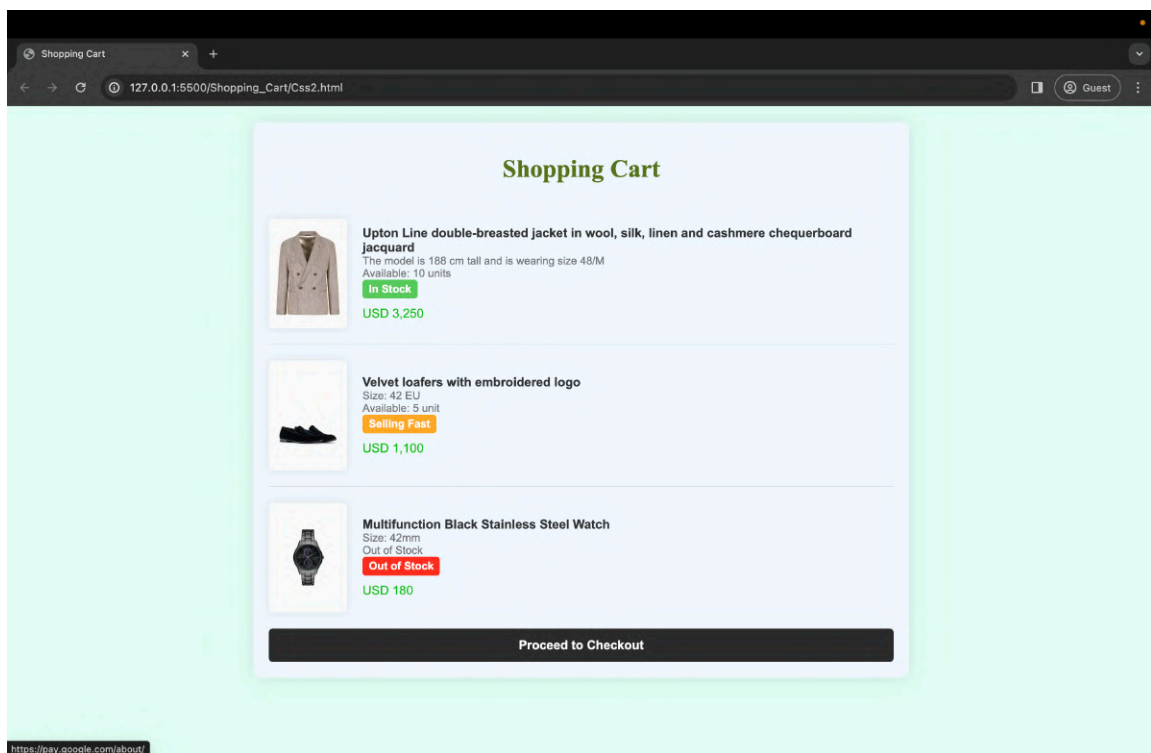```
  }

  .selling-fast {
    background-color: #58cc5c;
    color: #fff;
  }

  .last-piece {
    background-color: #ffa927;
    color: #fff;
  }

  .out-of-stock {
    background-color: #ff3021;
    color: #fff;
  }
```

## Output: (screenshot)



## Conclusion:

The provided HTML/CSS program effectively creates a static web page for a shopping cart. It demonstrates a clear structure for displaying products, including their images, details, and prices. The styling enhances

the visual appeal and readability of the page, making it user-friendly. Additionally, the use of colors and hover effects adds interactivity and engagement to the shopping experience. Overall, the program provides a solid foundation for building a functional and visually appealing shopping cart interface..

**Name of Student: <u>Prem Anil Thakare</u>**

**Roll Number: 150096723002**

**Experiment No: 03**

## Title:

    Design the following static web pages required for an online bookstore web site.
        1) HOME PAGE: The static home page must contain three frames.
        2) LOGIN PAGE
        3) CATOLOGUE PAGE: The catalogue page should contain thedetails of all the books available in the web site in a table.
        4) REGISTRATION PAGE

## Theory:

1. HTML Structure:
  - The HTML files provided define the structure for different pages of an online bookstore website.
  - They include elements such as headings, paragraphs, forms, tables, and navigation links to create the desired layout and functionality.

2. Frameset:
  - The home page (`index.html`) utilizes frameset to divide the page into multiple frames - a header frame (`header.html`), a left frame (`left-frame.html`), and a right frame (`right-frame.html`).
  - Framesets are used for creating layouts with multiple independent sections.

3. CSS Styling:
  - CSS is used to style the elements within each HTML file, providing consistent visual presentation across all pages.
  - Styling includes setting font families, colors, margins, padding, backgrounds, and borders to enhance the aesthetics and readability of the content.

4. Navigation:
  - Navigation links are provided in the header frame to allow users to navigate between different pages of the website.
  - Each link is targeted to load content into the right frame, providing a seamless browsing experience.

## Code:

### index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Literary Lane - Online Bookstore</title>
</head>
<frameset rows="20%, 80%">
  <frame src="header.html" name="header">
  <frameset cols="20%, 80%">
    <frame src="left-frame.html" name="left-frame">
    <frame src="right-frame.html" name="right-frame">
  </frameset>
</frameset>
</html>
```

header.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Header Frame</title>
  <style>
    body {
      margin: 0;
      padding: 0;
      background-color: #333;
      color: #ddd;
      font-family: 'Courier New', Courier, monospace;
    }

    #logo {
      font-size:35px;
      text-align: center;
      padding: 10px;
      color: #f6e3e3;
    }

    nav {
      text-align: center;
      margin-top: 20px;
    }

    nav a {
```

```css
    color: #ff6666;
    text-decoration: none;
    margin: 0 10px;
  }

  nav a:hover {
    text-decoration: underline;
  }
 </style>
</head>
<body>

  <h1><div id="logo">Literary Lane</div></h1>
  <nav>
   <a href="right-frame.html" target="right-frame">Home</a>
   <a href="login.html" target="right-frame">Login</a>
   <a href="registration.html" target="right-frame">Sign-up</a>
   <a href="catalogue.html" target="right-frame">Catalogue</a>
  </nav>
</body>
</html>
```

right-frame.html
```html
<!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>
  body {
    font-family: 'Courier New', Courier, monospace;
    margin: 0;
    padding: 0;
    background-color: #222;
    color: #ddd;
  }

  #content {
    max-width: 1100px;
    margin: 20px auto;
    padding: 30px;
    background-color: #333;
    border-radius: 10px;
    box-shadow: 0 0 20px rgba(0, 0, 0, 0.5);
  }

  h1 {
```

```css
  text-align: center;
  color: #ff6666;
  font-size: 40px;
  margin-bottom: 30px;
}

p {
  font-size: 20px;
  line-height: 1.6;
  margin-bottom: 20px;
}

.ad {
  background-color: #444;
  border-radius: 5px;
  margin-bottom: 30px;
  padding: 20px;
  text-align: center;
}

.ad h2 {
  color: #ff6666;
  font-size: 24px;
  margin-bottom: 20px;
}

.ad p {
  font-size: 16px;
  color: #ddd;
}

.ad img {
  display: block;
  margin: 0 auto;
  border-radius: 5px;
  max-width: 80%;
  height: auto;
  margin-top: 20px;
}

.marquee-container {
  overflow: hidden;
  margin-bottom: 20px;
}

.marquee {
  display: flex;
  animation: marquee 20s linear infinite;
}
```

```
    .marquee p {
      margin-right: 30px;
      font-style: italic;
      color: #ffff00;
    }

    @keyframes marquee {
      0% {
        transform: translateX(100%);
      }
      100% {
        transform: translateX(-100%);
      }
    }

    .btn {
      display: inline-block;
      background-color: #ff6666;
      color: #222;
      padding: 12px 24px;
      text-decoration: none;
      border-radius: 5px;
      transition: background-color 0.3s ease;
      font-size: 18px;
    }

    .btn:hover {
      background-color: #ff9999;
    }

    .text-center {
      text-align: center;
    }
  </style>
</head>
<body>
  <div id="content">
    <h1>Welcome to Our Online Bookstore!</h1>

    <p>Discover a vast collection of books and immerse yourself in captivating stories from various genres.
From fiction to non-fiction, we have something for every book lover.</p>
<img src="1.jpeg" alt="book" width="100%">
    <div class="marquee-container">
     <div class="marquee">
       <p>Get 20% off on all new releases. Limited time offer!</p>
       <p>Explore our curated selection of bestsellers and hidden gems.</p>
       <p>Join our loyalty program and earn rewards with every purchase.</p>
     </div>
```

```
      </div>

      <div class="text-center">
        <p>Start your reading journey with us today!</p>
      </div>
    </div>
  </body>
</html>
```

left-frame.html
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Library Categories</title>
  <style>
    body {
      margin: 0;
      padding: 0;
      background-color: #1a1a1a;
      font-family: Arial, sans-serif;
      color: #fff;
    }

    nav {
      margin-top: 20px;
      padding: 10px;
      background-color: #333;
      border-radius: 10px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
    }

    nav h2 {
      text-align: center;
      color: #ff6666;
      margin-bottom: 10px;
    }

    nav ul {
      list-style-type: none;
      padding: 0;
      margin: 0;
    }

    nav ul li {
      margin-bottom: 10px;
    }
```

```css
    nav ul li a {
      text-decoration: none;
      color: #ddd;
      display: block;
      padding: 10px;
      background-color: #555;
      border-radius: 5px;
      transition: background-color 0.3s ease;
    }

    nav ul li a:hover {
      background-color: #777;
    }
  </style>
</head>
<body>
  <nav>
    <h2>Book Categories</h2>

    <ul>
      <li><a href="catalogue.html#1" target="right-frame">Horror</a></li>
      <li><a href="catalogue.html#2" target="right-frame">Historical</a></li>
      <li><a href="catalogue.html#3" target="right-frame">True Crime</a></li>
      <li><a href="catalogue.html#4" target="right-frame">Biography</a></li>
    </ul>
  </nav>
</body>
</html>
```

catalogue.html
```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Book Catalog</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 20px;
      background-color: #333;
      color: #ddd;
    }

    h1 {
      text-align: center;
```

```css
      margin-bottom: 20px;
      color: #ff9999;
    }

    table {
      width: 100%;
      border-collapse: collapse;
      margin-bottom: 20px;
      background-color: #555;
      border-radius: 8px;
      overflow: hidden;
      box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    }

    th, td {
      border: 1px solid #777;
      padding: 12px;
      text-align: left;
    }

    th {
      background-color: #333;
      color: #ff6666;
    }

    tr:nth-child(even) {
      background-color: #777;
    }

    h2 {
      background-color: #ff6666;
      color: white;
      padding: 12px;
      border-radius: 5px;
      margin-top: 30px;
      text-align: center;
    }
  </style>
</head>
<body>
  <h1>Book Catalog</h1>

  <h2 id="1">Horror</h2>
  <table>
    <thead>
      <tr>
        <th>Title</th>
        <th>Author</th>
        <th>Price (INR)</th>
```

```html
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>The Shining</td>
        <td>Stephen King</td>
        <td>₹500.00</td>
      </tr>
      <tr>
        <td>Dracula</td>
        <td>Bram Stoker</td>
        <td>₹450.00</td>
      </tr>
      <tr>
        <td>The Exorcist</td>
        <td>William Peter Blatty</td>
        <td>₹550.00</td>
      </tr>
    </tbody>
</table>

<h2 id="2">Historical</h2>
<table>
  <thead>
    <tr>
      <th>Title</th>
      <th>Author</th>
      <th>Price (INR)</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>The Book Thief</td>
      <td>Markus Zusak</td>
      <td>₹600.00</td>
    </tr>
    <tr>
      <td>All the Light We Cannot See</td>
      <td>Anthony Doerr</td>
      <td>₹650.00</td>
    </tr>
    <tr>
      <td>The Nightingale</td>
      <td>Kristin Hannah</td>
      <td>₹700.00</td>
    </tr>
  </tbody>
</table>
```

```html
<h2 id="3">True Crime</h2>
<table>
  <thead>
    <tr>
      <th>Title</th>
      <th>Author</th>
      <th>Price (INR)</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>In Cold Blood</td>
      <td>Truman Capote</td>
      <td>₹550.00</td>
    </tr>
    <tr>
      <td>The Stranger Beside Me</td>
      <td>Ann Rule</td>
      <td>₹600.00</td>
    </tr>
    <tr>
      <td>Mindhunter</td>
      <td>John E. Douglas</td>
      <td>₹650.00</td>
    </tr>
  </tbody>
</table>

<h2 id="4">Biography</h2>
<table>
  <thead>
    <tr>
      <th>Title</th>
      <th>Author</th>
      <th>Price (INR)</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Steve Jobs</td>
      <td>Walter Isaacson</td>
      <td>₹750.00</td>
    </tr>
    <tr>
      <td>Becoming</td>
      <td>Michelle Obama</td>
      <td>₹800.00</td>
    </tr>
    <tr>
```

```html
        <td>Leonardo da Vinci</td>
        <td>Walter Isaacson</td>
        <td>₹850.00</td>
      </tr>
    </tbody>
  </table>
</body>
</html>
```

login.html
```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Login Page</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 20px;
      background-color: #333;
      color: #fff;
    }

    h1 {
      text-align: center;
      margin-bottom: 20px;
      color: #ff6666;
    }

    form {
      max-width: 300px;
      margin: 0 auto;
      background-color: #555;
      padding: 30px;
      border-radius: 8px;
      box-shadow: 0 4px 6px rgba(0, 0, 0, 0.5);
    }

    label {
      font-weight: bold;
      color: #ddd;
    }

    input[type="text"],
    input[type="password"] {
      width: 100%;
```

```css
      padding: 12px;
      margin: 10px 0;
      box-sizing: border-box;
      border: 1px solid #777;
      border-radius: 4px;
      background-color: #444;
      color: #ddd;
    }

    input[type="submit"] {
      background-color: #ff6666;
      color: #fff;
      padding: 14px 24px;
      border: none;
      border-radius: 4px;
      cursor: pointer;
      width: 100%;
      margin-top: 20px;
      font-size: 16px;
      transition: background-color 0.3s ease;
    }

    input[type="submit"]:hover {
      background-color: #ff4d4d;
    }
  </style>
</head>
<body>
  <h1>Login</h1>
  <form>
    <label for="username">Username:</label>
    <input type="text" id="username" name="username" placeholder="Enter your username" required>

    <label for="password">Password:</label>
    <input type="password" id="password" name="password" placeholder="Enter your password" required>

    <input type="submit" value="Login">
  </form>
</body>
</html>
```

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

```css
<style>
  body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 20px;
    background-color: #333;
    color: #fff;
  }

  h1 {
    text-align: center;
    margin-bottom: 20px;
    color: #ff6666;
  }

  form {
    max-width: 500px;
    margin: 0 auto;
    background-color: #555;
    padding: 30px;
    border-radius: 8px;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.5);
  }

  label {
    font-weight: bold;
    color: #ddd;
  }

  input[type="text"],
  input[type="email"],
  input[type="password"],
  select {
    width: 100%;
    padding: 10px;
    margin: 10px 0;
    box-sizing: border-box;
    border: 1px solid #777;
    border-radius: 4px;
    background-color: #444;
    color: #ddd;
  }

  input[type="submit"] {
    background-color: #ff6666;
    color: #fff;
    padding: 12px 20px;
    border: none;
    border-radius: 4px;
```
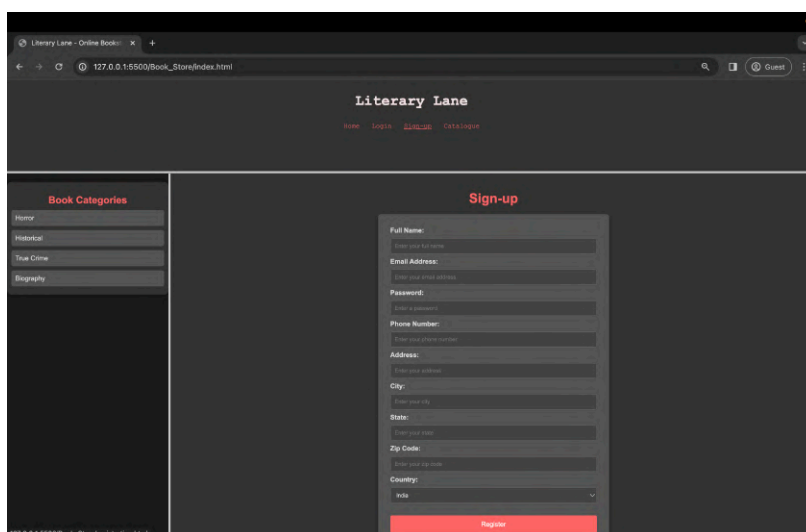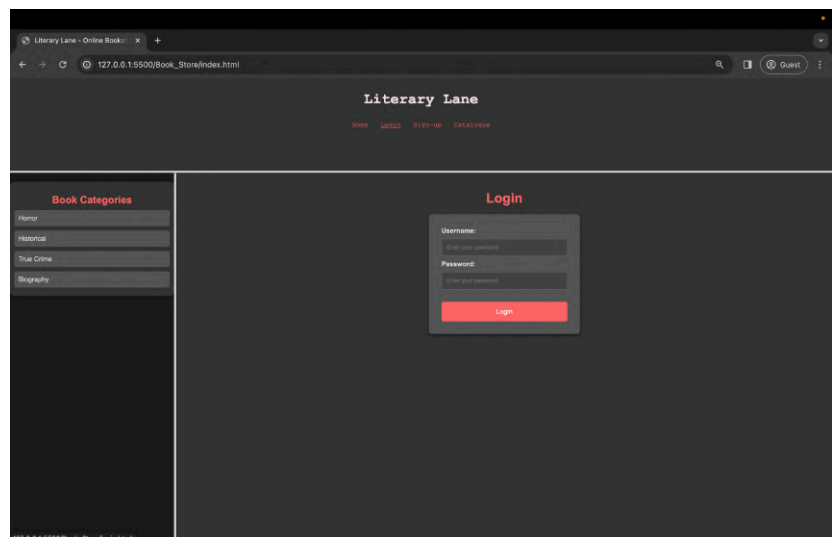
```
      cursor: pointer;
      width: 100%;
      margin-top: 20px;
      font-size: 16px;
      transition: background-color 0.3s ease;
    }

    input[type="submit"]:hover {
      background-color: #ff4d4d;
    }
  </style>
</head>
<body>
  <h1>Sign-up</h1>
  <form>
    <label for="name">Full Name:</label>
    <input type="text" id="name" name="name" placeholder="Enter your full name" required>

    <label for="email">Email Address:</label>
    <input type="email" id="email" name="email" placeholder="Enter your email address" required>

    <label for="password">Password:</label>
    <input type="password" id="password" name="password" placeholder="Enter a password" required>

    <label for="phone">Phone Number:</label>
    <input type="text" id="phone" name="phone" placeholder="Enter your phone number">

    <label for="address">Address:</label>
    <input type="text" id="address" name="address" placeholder="Enter your address">

    <label for="city">City:</label>
    <input type="text" id="city" name="city" placeholder="Enter your city">

    <label for="state">State:</label>
    <input type="text" id="state" name="state" placeholder="Enter your state">

    <label for="zipcode">Zip Code:</label>
    <input type="text" id="zipcode" name="zipcode" placeholder="Enter your zip code">

    <label for="country">Country:</label>
    <select id="country" name="country">
      <option value="india">India</option>
    </select>

    <input type="submit" value="Register">
  </form>
</body>
</html>
```

styles.css
```css
body {
  margin: 0;
  padding: 0;
  font-family: Arial, sans-serif;
}

.container {
  max-width: 600px;
  margin: 0 auto;
  padding: 20px;
  background-color: #fff;
  border-radius: 5px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

h2 {
  text-align: center;
  margin-bottom: 20px;
}

form {
  max-width: 300px;
  margin: 0 auto;
}

label {
  display: block;
  margin-bottom: 5px;
}

input[type="text"],
input[type="password"],
input[type="email"] {
  width: 100%;
  padding: 8px;
  margin-bottom: 10px;
  border: 1px solid #ccc;
  border-radius: 4px;
}

input[type="submit"] {
  background-color: #4527A0;
  color: #fff;
  padding: 10px 20px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  width: 100%;
```
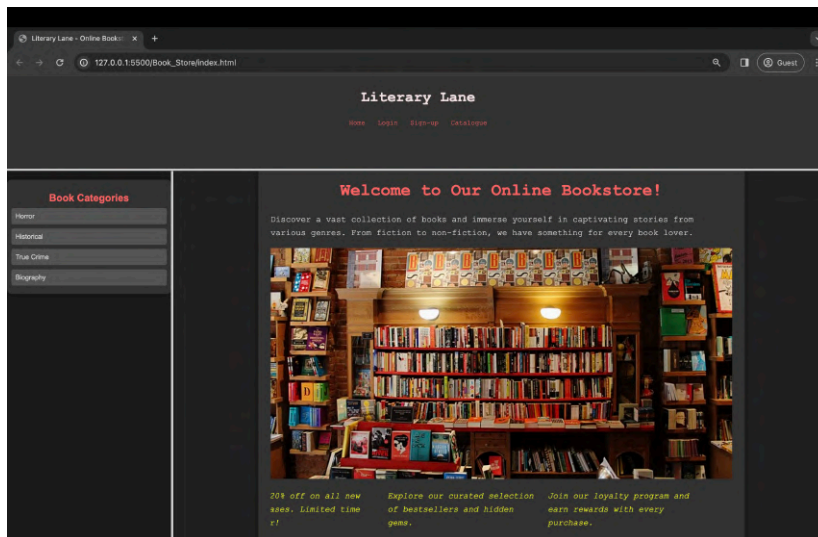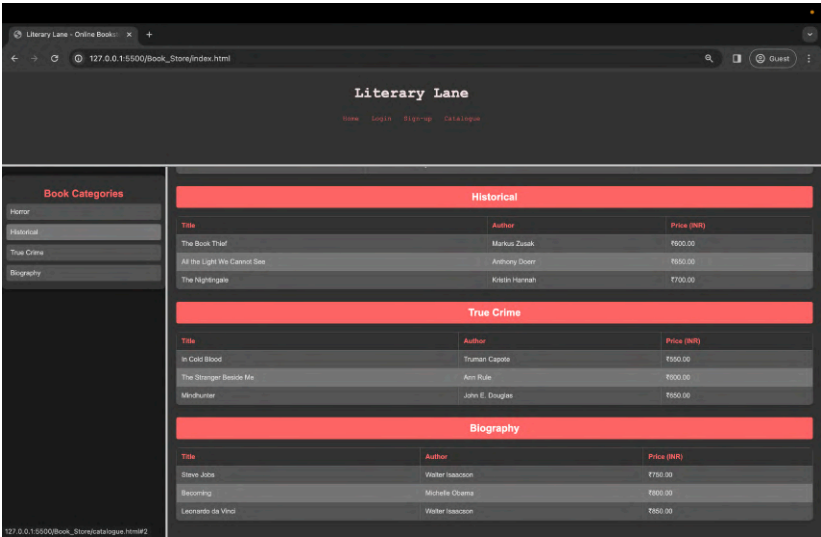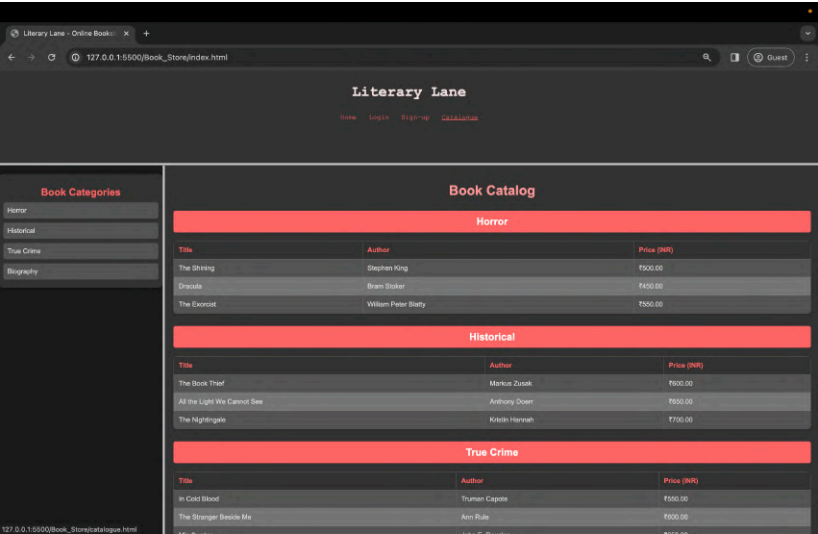
```
}

input[type="submit"]:hover {
  background-color: #512DA8;
}
```

Output: (screenshot)

Conclusion:

The provided HTML and CSS code demonstrate the creation of static web pages required for an online bookstore website. Each page serves a specific purpose - home page, login page, catalog page, and registration page. The use of frameset allows for the creation of a multi-frame layout, enhancing the organization and presentation of content. CSS styling ensures a visually appealing design, while navigation links facilitate easy movement between different sections of the website. Overall, the code provides a solid foundation for building an interactive and user-friendly online bookstore website.

Name of Student: <u>Prem Anil Thakare</u>

Roll Number: 150096723002

Experiment No: 04

Title:

Create a external style sheet named as "external_css.css" and provide some styles for h2, hr, p & a tags. Create an html file named as "4Style_sheet.html"
• Include the external style sheet with necessary tag.
• Include the internal style sheet for body tags & also
use class name,so that the style can be
applied for all tags.
• Include a <p> tags with inline style sheet.

Theory:

1. External CSS: External CSS refers to styling information that is stored in a separate CSS file and linked to an HTML document using the `<link>` tag. This approach promotes code organization and reusability since styles can be applied across multiple pages. External CSS files can be easily maintained and updated, enhancing the overall efficiency of web development.

2. Internal CSS: Internal CSS involves placing style rules within the `<style>` element directly within the HTML document's `<head>` section. While internal CSS is suitable for small-scale projects or when specific styles are unique to a particular page, it can become cumbersome and less maintainable as the project grows. However, internal CSS takes precedence over external CSS and inline styles, making it useful for overriding styles in specific contexts.

3. Inline CSS: Inline CSS involves applying styles directly to individual HTML elements using the `style` attribute. While inline styles offer immediate control over element appearance, they can clutter HTML code and make it harder to maintain consistency across a website. Inline styles are typically used for quick styling adjustments or when applying styles dynamically through scripting languages like JavaScript.

Code:

4Style_sheet.html
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Question 4</title>
    <link rel="stylesheet" href="external_css.css">
```

```html
</head>
<body>
    <div class="container">
        <h1>My Website</h1>
        <br>
        <hr>
        <p class="text2">This is a para.<br><br>
        <a href="https://www.google.co.in/" target="_blank">Google</a>
    </div>

        <p style="font-size: 22px; color: rgb(93, 48, 93); background-color: rgb(198, 231, 231); display: inline-block; padding: 10px;margin-top: 10px;" >p tag with inline-css</p>
</body>
</html>
```

external_css.css
```css
p{
    font-size: 4rem;
}

.container{
    margin: 50px;
    display: flex;
    flex-flow: column;
}

.container h1{
    padding: 20px;
    background-color: rgb(167, 149, 69);
    color: whitesmoke;
    font-size: 3rem;
}

.container .text{
    background-color: dodgerblue;
    display: inline-block;
    padding: 20px 10px;
    font-size: 1.5rem;
}

.container p{
    color: wheat;
}

.container hr{
    border-top: 7px darkgoldenrod;
    margin-bottom: 15px;
}
```

```css
.container .text2{
    font-size: 1.2rem;
    background-color: rgb(36, 69, 58);
    padding: 10px 0 0 10px;
}

.container a:any-link{
    color: chocolate;
    transition: .3s;
    margin: 20px;
    display: inline-block;
}

.container a:visited{
    color: blueviolet;
}

.container a:hover{
    color:cornflowerblue;
    transform: scale(1.2);
    transition: .3s;
}

.container a:active{
    color: #474646;
}
```
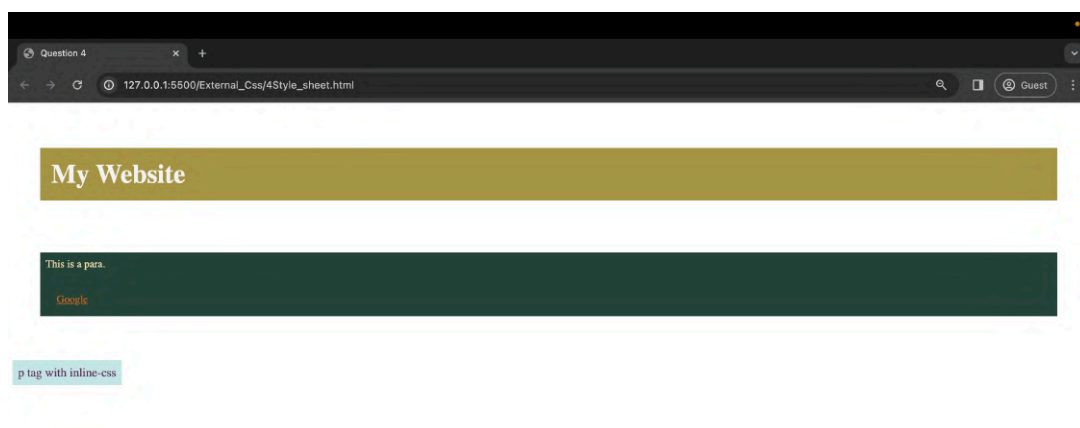
Output: (screenshot)

Conclusion:

In the provided example, both external and internal CSS are demonstrated to style various elements of a webpage. External CSS is used to define styles for `h2`, `hr`, `p`, and `a` tags, promoting consistency and ease of maintenance across multiple HTML files. Internal CSS is employed to define styles for the `body`, `.container`, and `.center_div` classes, providing specific styling for elements within the webpage. Additionally, inline CSS is utilized to apply a border style to a specific `<p>` tag.

By understanding the principles of external, internal, and inline CSS, web developers can efficiently manage styling across their projects, ensuring consistency, maintainability, and scalability in their web design endeavors.

Name of Student: <u>Prem Anil Thakare</u>

Roll Number: 150096723002

Experiment No: 05

Title:

WEB SITE project (ISRO Website).

Code Screenshot: