



**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



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

CERTIFICATE

This is to certify that Mr. / Ms. ASHLIN LEE GEORGE Roll No. 150096723011 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	<p>Design a web page using CSS (Cascading Style Sheets) which includes the following:</p> <p>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.</p>		
2	Write a HTML/CSS program to develop a static Web Page for Shopping Cart.		
3	<p>Design the following static web pages required for an online bookstore web site.</p> <p>1) HOME PAGE: The static home page must contain three frames. 2) LOGIN PAGE 3) CATALOGUE PAGE: The catalogue page should contain the details of all the books available in the web site in a table. 4) REGISTRATION PAGE</p>		

4	<p>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”</p> <ul style="list-style-type: none"> • 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: Ashlin Lee George

Roll Number: 150096723011

Experiment No: 01

Title:

Design a web page using CSS (Cascading Style Sheets) which includes 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.

3. Hover Effect:

- The `link:hover` selector is used to define styles that should be applied when the link is hovered over by the user.
- In this case, the color of the link changes when hovered over.

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>CSS 1</title>
<style>

.header {
```

```

font-family: Arial, sans-serif;
font-size: 40px;
font-weight: bold;
color: black;
}

.paragraph {
    font-family: "Times New Roman", Times, serif,
    font-size: 30px;
    font-style: italic;
    color: rgb(50, 108, 50);
}

.link {
    font-family: Verdana, Geneva, sans-serif;
    font-size: 20px;
    font-weight: bold;
    color: rgb(104, 46, 46);
    text-decoration: none;
    font-variant: small-caps;
}

.link:hover {
    color: rgb(179, 129, 179);
}

```

</style>

</head>

<body bgcolor="pink">

<h1 class="header" align="center">Welcome to My Website</h1>

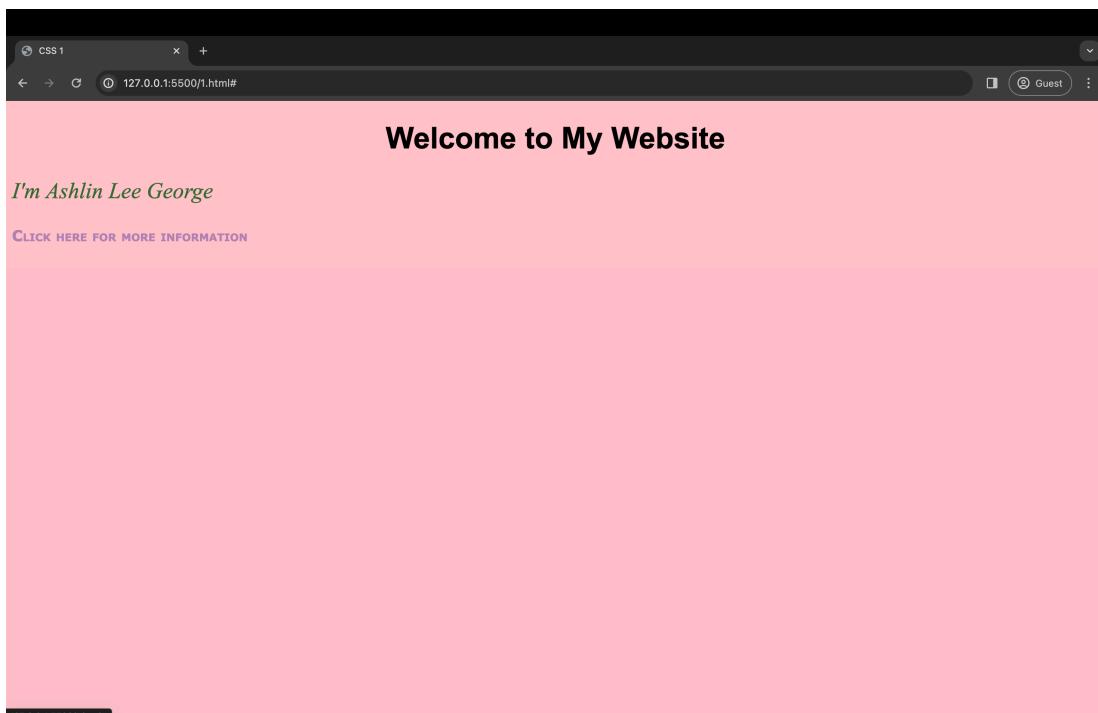
<p class="paragraph">I'm Ashlin Lee George</p>

Click here for more information

</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. Additionally, the hover effect adds interactivity and enhances user experience. Overall, the code showcases the power and flexibility of CSS in controlling the visual presentation of web pages.

Name of Student: Ashlin Lee George

Roll Number: 150096723011

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

```
<!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>
```

```
<body>
  <div class="container">
    <h1 class="heading">Shopping Cart</h1>
    <div class="product">
      
        <div class="info">
          <div class="name">Nike Zoom Train Command Triple Black</div>
          <div class="details">
            <div class="size">Size: 10</div>
            <div class="units">Available: 5 units</div>
            <div class="status selling-fast">Selling Fast</div>
          </div>
          <div class="price">₹4,999</div>
        </div>
      </div>
      <div class="product">
        
        <div class="info">
          <div class="name">Nike AF1 Shadow</div>
          <div class="details">
            <div class="size">Size: 9</div>
            <div class="units">Available: 1 unit</div>
            <div class="status last-piece">Last Piece</div>
          </div>
          <div class="price">₹8,499</div>
        </div>
      </div>
      <div class="product">
        
        <div class="info">
          <div class="name">Wmn's Air Max 1 Essential</div>
          <div class="details">
            <div class="size">Size: 7</div>
            <div class="units">Out of Stock</div>
            <div class="status out-of-stock">Out of Stock</div>
          </div>
          <div class="price">₹12,399</div>
        </div>
      </div>
      <a href="https://pay.google.com/about/" class="cart-button">Proceed to Checkout</a>
    </div>
  </body>
</html>
```

Style.css

```
body {  
    font-family: Arial, sans-serif;  
    margin: 0;  
    padding: 0;  
    background-color: #f5f5f5;  
}
```

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

```
.heading {  
    text-align: center;  
    margin-bottom: 20px;  
    color: #333;  
}
```

```
.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);  
}
```

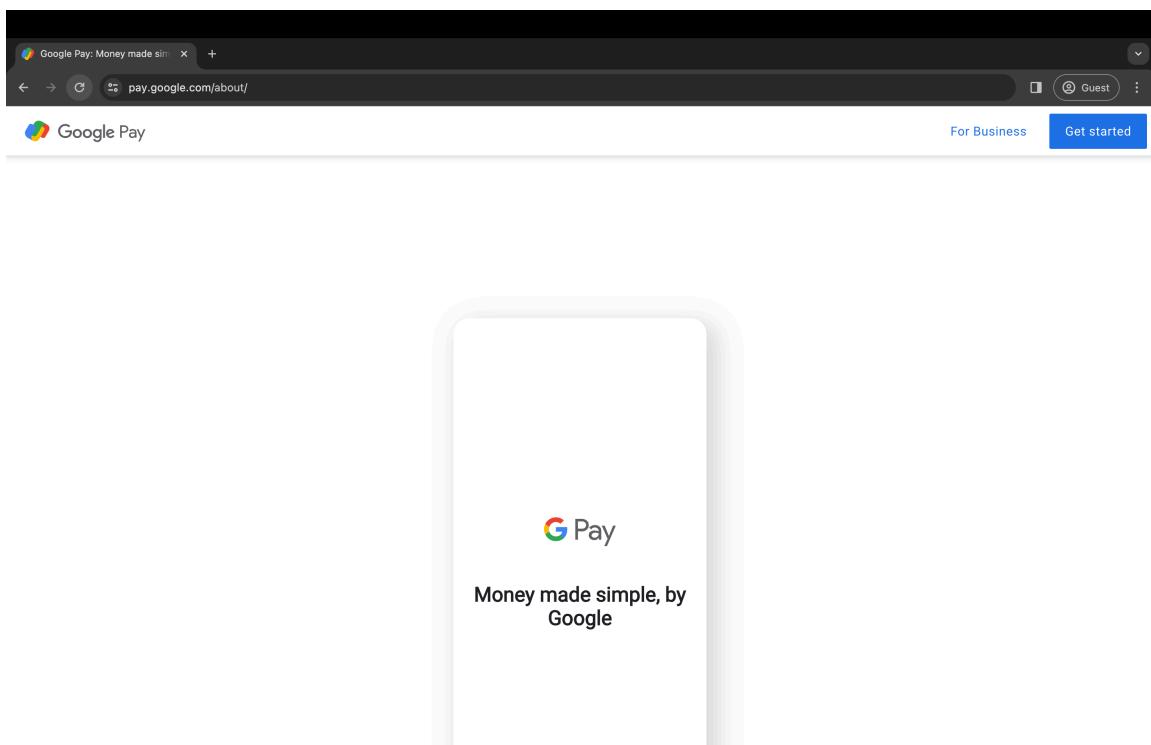
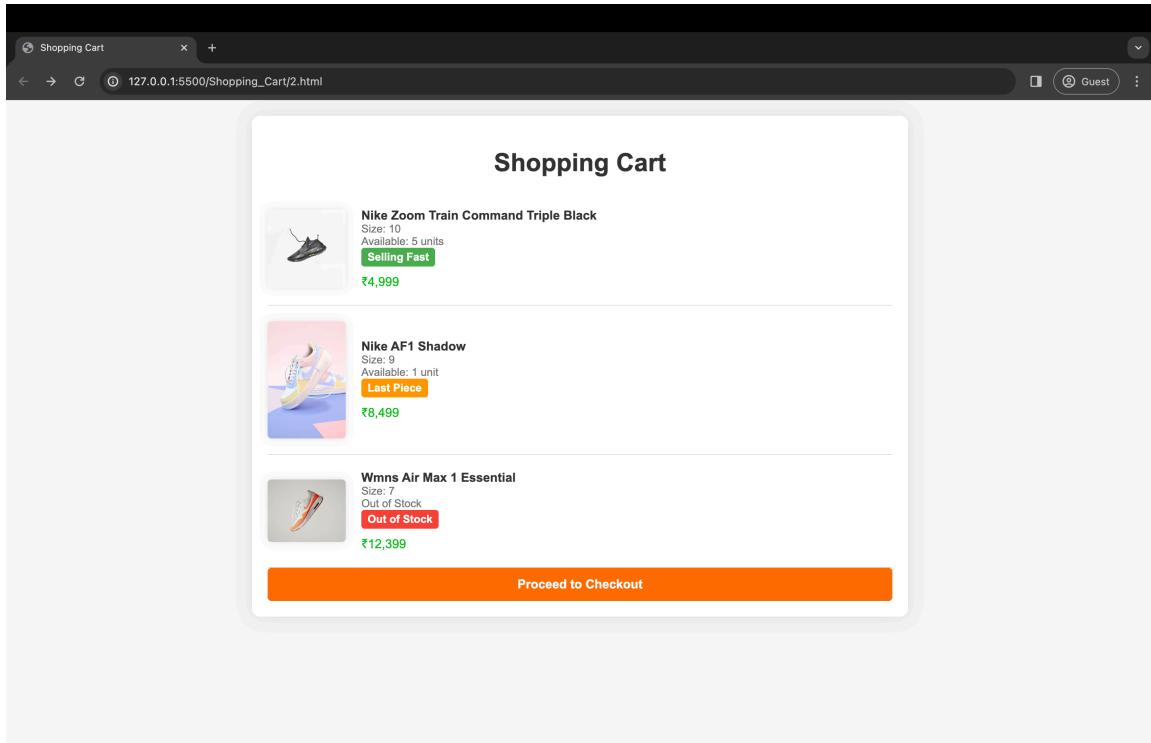
```
.info {  
    flex-grow: 1;  
}
```

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

```
.price {  
  color: #00c41a;  
}  
  
.cart-button {  
  background-color: #ff6b00;  
  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: #d09062;  
}  
  
.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: #4caf50;  
  color: #fff;  
}  
  
.last-piece {  
  background-color: #ff9800;  
  color: #fff;  
}
```

```
.out-of-stock {  
background-color: #f44336;  
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: Ashlin Lee George

Roll Number: 150096723011

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) CATALOGUE PAGE: The catalogue page should contain the details 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:

home.html

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

```
<!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: #baacac;
    color: #000000;
    font-family: Arial, sans-serif;
  }

  #logo {
    text-align: center;
    padding: 10px;
  }

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

  nav a {
    color: #000000;
    text-decoration: none;
    margin: 0 10px;
  }
</style>

```

```

        }
    </style>
</head>
<body>
    <a href="right-frame.html" target="right-frame">
    </a>
    <h1><div id="logo">Novel Nest</div></h1>
    <nav>
        <a href="right-frame.html" target="right-frame">Home</a>
        <a href="catalogue.html" target="right-frame">Catalogue</a>
        <a href="login.html" target="right-frame">login</a>
        <a href="registration.html" target="right-frame">Sign-up</a>
    </nav>
</body>
</html>

```

right-frame.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: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
            margin: 0;
            padding: 0;
            background-color: #f5f5f5;
        }

        #content {
            width: 100%;
            height: 100%;
            padding: 20px;
            background-color: #fff;
            box-shadow: 0 0 20px rgba(0, 0, 0, 0.1);
            border-radius: 10px;
        }

        h1 {
            text-align: center;
            margin-bottom: 20px;
            color: #333;
            font-size: 36px;
            text-transform: uppercase;
        }
    </style>
</head>
<body>
    <div id="content">
        <h1>Novel Nest</h1>
        <p>Welcome to our online bookstore! We offer a wide range of books from various genres. Please explore our catalog and login if you have an account.</p>
        <ul>
            <li><a href="catalogue.html">View Catalogue</a></li>
            <li><a href="login.html">Login</a></li>
            <li><a href="registration.html">Sign-up</a></li>
        </ul>
    </div>
</body>
</html>

```

```
}

p {
    margin-bottom: 15px;
    line-height: 1.6;
    color: #666;
}

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

#marquee p {
    display: inline-block,
    margin-right: 30px;
    font-style: italic;
    color: #4CAF50;
}

.ad {
    margin-bottom: 30px;
    background-color: #f0f0f0;
    padding: 20px;
    border-radius: 5px;
}

.ad h2 {
    margin-bottom: 10px;
    font-size: 24px;
    color: #333;
}

.ad p {
    font-size: 16px;
    color: #666;
}

.ad img {
    width: 100%;
    border-radius: 5px;
}

.text-center {
    text-align: center;
}
</style>
</head>
<body>
```

```

<div id="content">
  <h1>Welcome to Our Online Bookstore</h1>

  <p>Immerse yourself in the captivating world of literature with our vast collection of books. Discover new stories, explore different genres, and embark on exciting adventures from the comfort of your home. Indulge your passion for reading and uncover hidden treasures as you browse through our carefully curated selection of titles. At our bookstore, we're committed to providing book lovers with an unforgettable shopping experience, offering convenience, quality, and exceptional customer service. Start your journey with us today and let the magic of books ignite your imagination!</p>

  <div class="ad">
    <h2>Upcoming Events</h2>
    
    <p>Join us for our virtual book club meeting next week. Stay tuned for more details!</p>
  </div>

  <div id="marquee">
    <marquee behavior="scroll" direction="left">
      <p>Enjoy free shipping on all orders over ₹500!</p>
      <p>Follow us on social media for exclusive offers and updates.</p>
      <p>Join our loyalty program and earn rewards with every purchase.</p>
    </marquee>
  </div>

  <div class="text-center">
    <p>Discover more amazing books in our catalogue</p>
    <a href="catalogue.html" class="btn btn-primary">Browse Catalog</a>
  </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>Left Frame</title>
<style>
  body {
    margin: 0;
    padding: 0;
    background-color: #f4f4f4;
    font-family: Arial, sans-serif;
  }

  nav {
    margin-top: 20px;
    padding: 10px;
  }

```

```

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

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

nav ul li a {
    text-decoration: none;
    color: #333;
    display: block;
    padding: 5px;
    background-color: #ddd;
    border-radius: 5px;
}

nav ul li a:hover {
    background-color: #ccc;
}

</style>
</head>
<body>
<nav>
    <h2 align="center">Genre</h2>

    <ul>
        <li><a href="catalogue.html#1" target="right-frame">Fiction</a></li>
        <li><a href="catalogue.html#2" target="right-frame">Dystopian</a></li>
        <li><a href="catalogue.html#3" target="right-frame">Classic</a></li>
        <li><a href="catalogue.html#4" target="right-frame">Fantasy</a></li>
        <li><a href="catalogue.html#5" target="right-frame">Non-Fiction</a></li>
    </ul>
</nav>
</body>
</html>

```

catalogue.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;
}

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

table {
width: 100%;
border-collapse: collapse;
margin-bottom: 20px;
}

th, td {
border: 1px solid #ddd;
padding: 8px;
text-align: left;
}

th {
background-color: #f2f2f2;
}

tr:nth-child(even) {
background-color: #f9f9f9;
}

</style>
</head>
<body>
<h1>Book Catalog</h1>

<h2 id="1">Fiction</h2>
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Price (INR)</th>
<th>Available Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Midnight Library</td>
<td>Matt Haig</td>
<td>₹1,063.11</td>
<td>20</td>

```

```

</tr>
<tr>
<td>Becoming</td>
<td>Michelle Obama</td>
<td>₹843.88</td>
<td>15</td>
</tr>
<tr>
<td>The Alchemist</td>
<td>Paulo Coelho</td>
<td>₹847.76</td>
<td>22</td>
</tr>
<tr>
<td>The Catcher in the Rye</td>
<td>J.D. Salinger</td>
<td>₹741.81</td>
<td>21</td>
</tr>
</tbody>
</table>

```

```

<h2 id="2">Dystopian</h2>


| Title            | Author          | Price (INR) | Available Units |
|------------------|-----------------|-------------|-----------------|
| 1984             | George Orwell   | ₹711.11     | 25              |
| The Hunger Games | Suzanne Collins | ₹1,030.43   | 19              |


```

```
<h2 id="3">Classic</h2>
```

```
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Price (INR)</th>
<th>Available Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Great Gatsby</td>
<td>F. Scott Fitzgerald</td>
<td>₹634.11</td>
<td>30</td>
</tr>
<tr>
<td>To Kill a Mockingbird</td>
<td>Harper Lee</td>
<td>₹790.50</td>
<td>18</td>
</tr>
<tr>
<td>Pride and Prejudice</td>
<td>Jane Austen</td>
<td>₹570.51</td>
<td>23</td>
</tr>
</tbody>
</table>
```

```
<h2 id="4">Fantasy</h2>
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Price (INR)</th>
<th>Available Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harry Potter and the Sorcerer's Stone</td>
<td>J.K. Rowling</td>
<td>₹1,099.43</td>
<td>27</td>
</tr>
<tr>
```

```

<td>The Hobbit</td>
<td>J.R.R. Tolkien</td>
<td>₹950.88</td>
<td>24</td>
</tr>
</tbody>
</table>

<h2 id="5">Non-fiction</h2>
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Price (INR)</th>
<th>Available Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atomic Habits</td>
<td>James Clear</td>
<td>₹670.22</td>
<td>20</td>
</tr>
<tr>
<td>Think and Grow Rich</td>
<td>Napoleon Hill</td>
<td>₹830.99</td>
<td>18</td>
</tr>
</tbody>
</table>
</body>
</html>

```

login.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: #f5f5f5;

```

```
}

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

form {
    max-width: 300px;
    margin: 0 auto;
    background-color: #fff;
    padding: 20px;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

label {
    font-weight: bold;
}

input[type="text"],
input[type="password"] {
    width: 100%;
    padding: 8px;
    margin: 8px 0;
    box-sizing: border-box;
    border: 1px solid #ccc;
    border-radius: 4px;
}

input[type="submit"] {
    background-color: #007bff;
    color: #fff;
    padding: 10px 20px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
    width: 100%;
    margin-top: 10px;
}

input[type="submit"]:hover {
    background-color: #0056b3;
}

</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
<!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>
<style>
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 20px;
    background-color: #f5f5f5;
}

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

form {
    max-width: 500px;
    margin: 0 auto;
    background-color: #fff;
    padding: 20px;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

label {
    font-weight: bold;
}

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

```
padding: 8px;
margin: 8px 0;
box-sizing: border-box;
border: 1px solid #ccc;
border-radius: 4px;
}

input[type="submit"] {
background-color: #007bff;
color: #fff;
padding: 10px 20px;
border: none;
border-radius: 4px;
cursor: pointer;
width: 100%;
margin-top: 10px;
}

input[type="submit"]:hover {
background-color: #0056b3;
}

</style>
</head>
<body>
<h1>Register</h1>
<form>
<label for="name">Name:</label>
<input type="text" id="name" name="name" placeholder="John Doe" required>

<label for="email">Email:</label>
<input type="email" id="email" name="email" placeholder="johndoe@example.com" 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="1234567890">

<label for="address">Address:</label>
<input type="text" id="address" name="address" placeholder="123 Main St">

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

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

<label for="zipcode">Zip Code:</label>
<input type="text" id="zipcode" name="zipcode" placeholder="410210">
```

```

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

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

```

Output: (screenshot)

The screenshot shows a web browser window for 'Bookstore' at '127.0.0.1:5500/Book_Store/home.html'. The title bar says 'Novel Nest'. The page features a logo with a book icon and the text 'NOVEL NEST'. A navigation bar with links to 'Home', 'Catalogue', 'login', and 'Sign-up'. On the left, a sidebar titled 'Genre' lists 'Fiction', 'Dystopian', 'Classic', 'Fantasy', and 'Non-Fiction'. The main content area has a heading 'WELCOME TO OUR ONLINE BOOKSTORE' and a paragraph about the bookstore's mission. Below this is a section titled 'Upcoming Events' with an illustration of books and the text 'BOOK CLUB'.

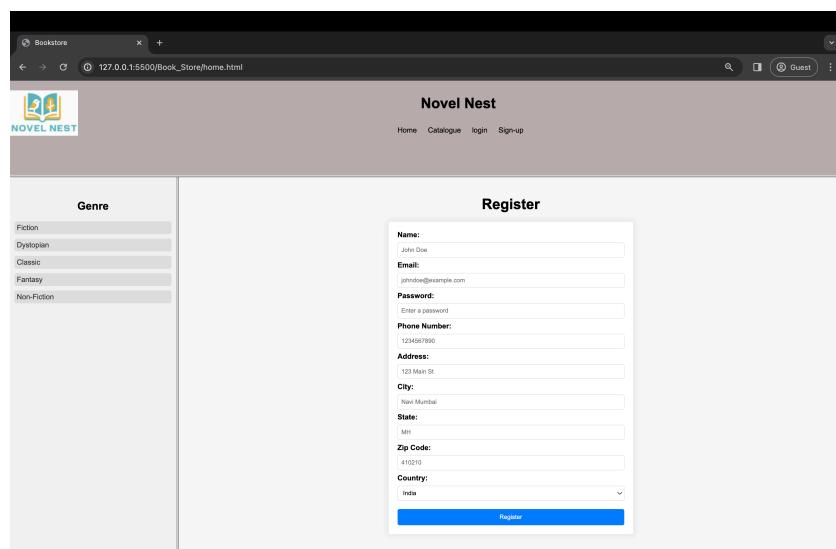
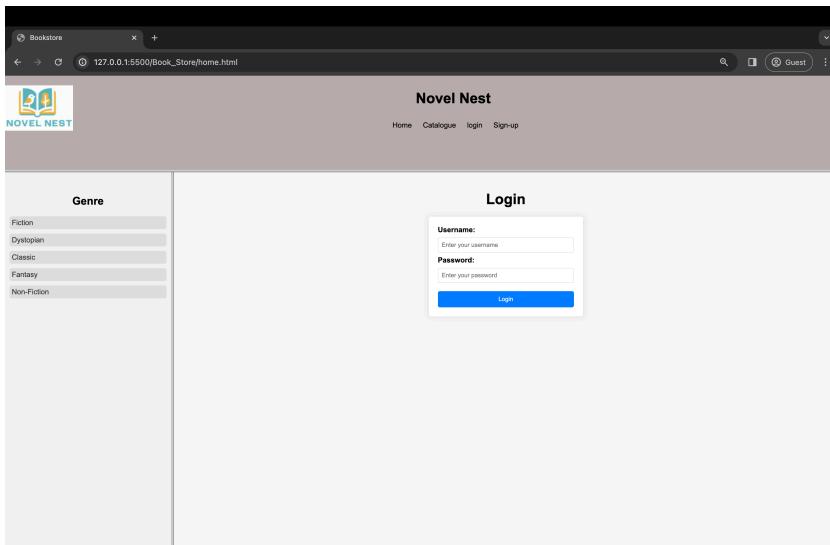
The screenshot shows the same web browser window for 'Bookstore' at '127.0.0.1:5500/Book_Store/home.html'. The title bar says 'Novel Nest'. The page features a logo with a book icon and the text 'NOVEL NEST'. A navigation bar with links to 'Home', 'Catalogue', 'login', and 'Sign-up'. On the left, a sidebar titled 'Genre' lists 'Fiction', 'Dystopian', 'Classic', 'Fantasy', and 'Non-Fiction'. The main content area has a heading 'Book Catalog' and displays tables for 'Fiction', 'Dystopian', 'Classic', and 'Fantasy' genres, each showing a list of books with columns for Title, Author, Price (INR), and Available Units.

Title	Author	Price (INR)	Available Units
The Midnight Library	Matt Haig	₹1,003.11	20
Becoming	Michelle Obama	₹643.88	15
The Alchemist	Paulo Coelho	₹647.76	22
The Catcher in the Rye	J.D. Salinger	₹741.81	21

Title	Author	Price (INR)	Available Units
1984	George Orwell	₹711.11	25
The Hunger Games	Suzanne Collins	₹1,030.43	19

Title	Author	Price (INR)	Available Units
The Great Gatsby	F. Scott Fitzgerald	₹634.11	30
To Kill a Mockingbird	Harper Lee	₹790.50	18
Pride and Prejudice	Jane Austen	₹570.51	23

Title	Author	Price (INR)	Available Units
Harry Potter and the Sorcerer's Stone	J K Rowling	₹1,069.41	27



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: Ashlin Lee George

Roll Number: 150096723011

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>webpage4</title>
  <link rel="stylesheet" href="external_css.css">
```

```
<style>
body
{
margin:50px;
background:rgb(203, 180, 180) ;
}
.container
{
text-align:center;
}
.center_div
{
border:1px solid gray;
margin-left:auto;
margin-right:auto;
width:100%;
background-color:#d0f0f6;
text-align:left;
padding:4px;
}
</style>
</head>
<body>
<h2>Website Name</h2>
<div class="container">
<div class="center_div">
<p> This is my website!
</p>
</div>
</div>
<p style="border-style:dotted solid dashed double">This is some text in a paragraph with inline css.</p>
<hr>
<p><a href="http://www.google.co.in/" target="_blank">This is a link</a></p>
</body>
</body>
</html>
```

external_css.css

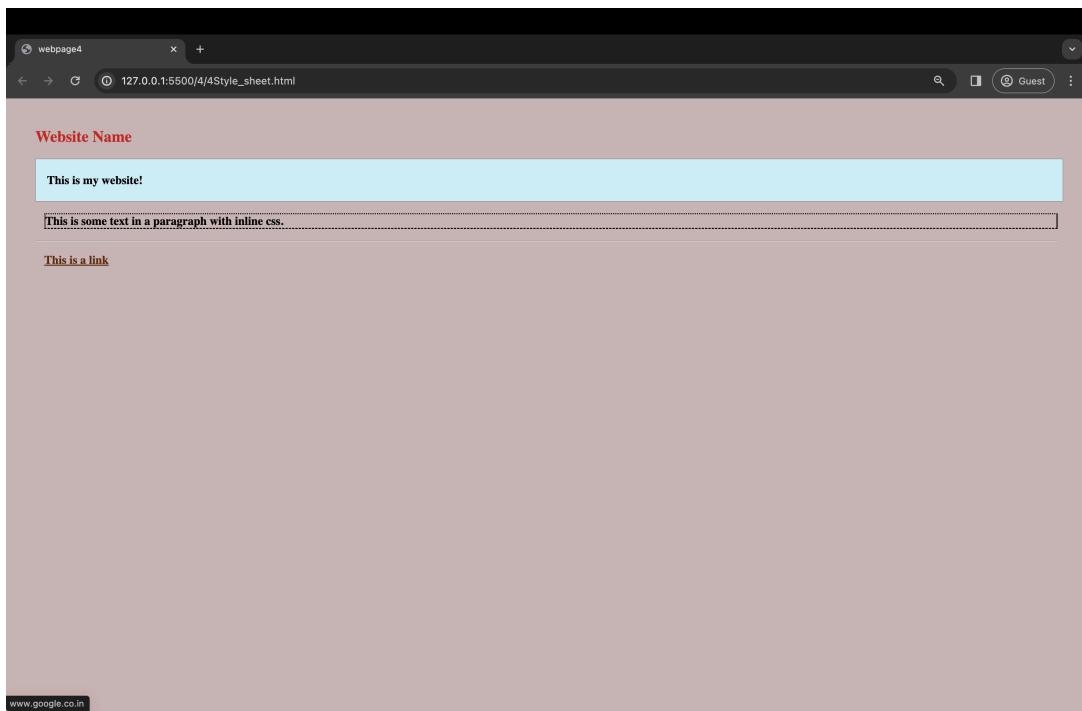
```
h2
{
color:rgb(195, 41, 41); font-size:20pt
}
hr
{
color:rgb(12, 12, 129)
}
p
{
font-size:20px; margin-left: 15px; font-weight:bold;
```

```

}
a:link
{
  color:rgb(241, 129, 37)
}
a:visited
{
  color:blue
}
a:hover
{
  color:rgb(94, 46, 12)
}
a:active
{
  color:rgb(89, 89, 137)
}

```

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 `

` 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: Ashlin Lee George

Roll Number: 150096723011

Experiment No: 04

Title:

WEB SITE project (Jamie Oliver's Pizzeria).

Code link:

https://github.com/ashlinleee/website_sem_2

Output Screenshot:

