



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

# **CSS LAB MANUAL**



**Prepared by:**

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Roll No: (150096723033)

Batch: 2023-27

Dept. of CSE

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**



**INSTITUTE OF TECHNOLOGY AND MANAGEMENT  
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**CERTIFICATE**

This is to certify that Mr. / Ms..\_\_\_\_\_ Sakshi Kore \_\_\_\_\_

Roll No. 150096723033 of \_\_\_\_\_ Semester of B.Tech Computer Science & Engineering of ITM Skills University, Kharghar, Navi Mumbai , has completed the term work satisfactorily in subject \_\_\_\_\_ CSS3 \_\_\_\_\_ for the academic year 2024 - 20 25 as prescribed in the curriculum.

Place: Mumbai

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:</p> <p>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	<p>Write a HTML/CSS program to develop a static Web Page forShopping Cart.</p>		
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.</p> <p>2) LOGIN PAGE</p> <p>3) CATOLOGUE PAGE: The catalogue page should contain thedetails of all the books available in the web site in a table.</p> <p>4) REGISTRATION PAGE</p>		
4	<p>Create a external style sheet named as “external_css.css” and provide some styles for h2, hr, p &amp; a tags. Create an html file named as “4Style_sheet.html”</p> <ul style="list-style-type: none"> <li>• Include the external style sheet with necessary tag.</li> </ul>		

	<ul style="list-style-type: none"> <li>• Include the internal style sheet for body tags &amp; also use class name,so that the style can be applied for all tags.</li> <li>• Include a &lt;p&gt; tags with inline style sheet.</li> </ul>		
5	WEB SITE project		

**Name of Student:** Sakshi Kore

**Roll Number:** 33

**Experiment No:** 01

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### Title:

1. Design a web page using CSS (Cascading Style Sheets) which includes the following:

Use different font, styles:

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

### Theory:

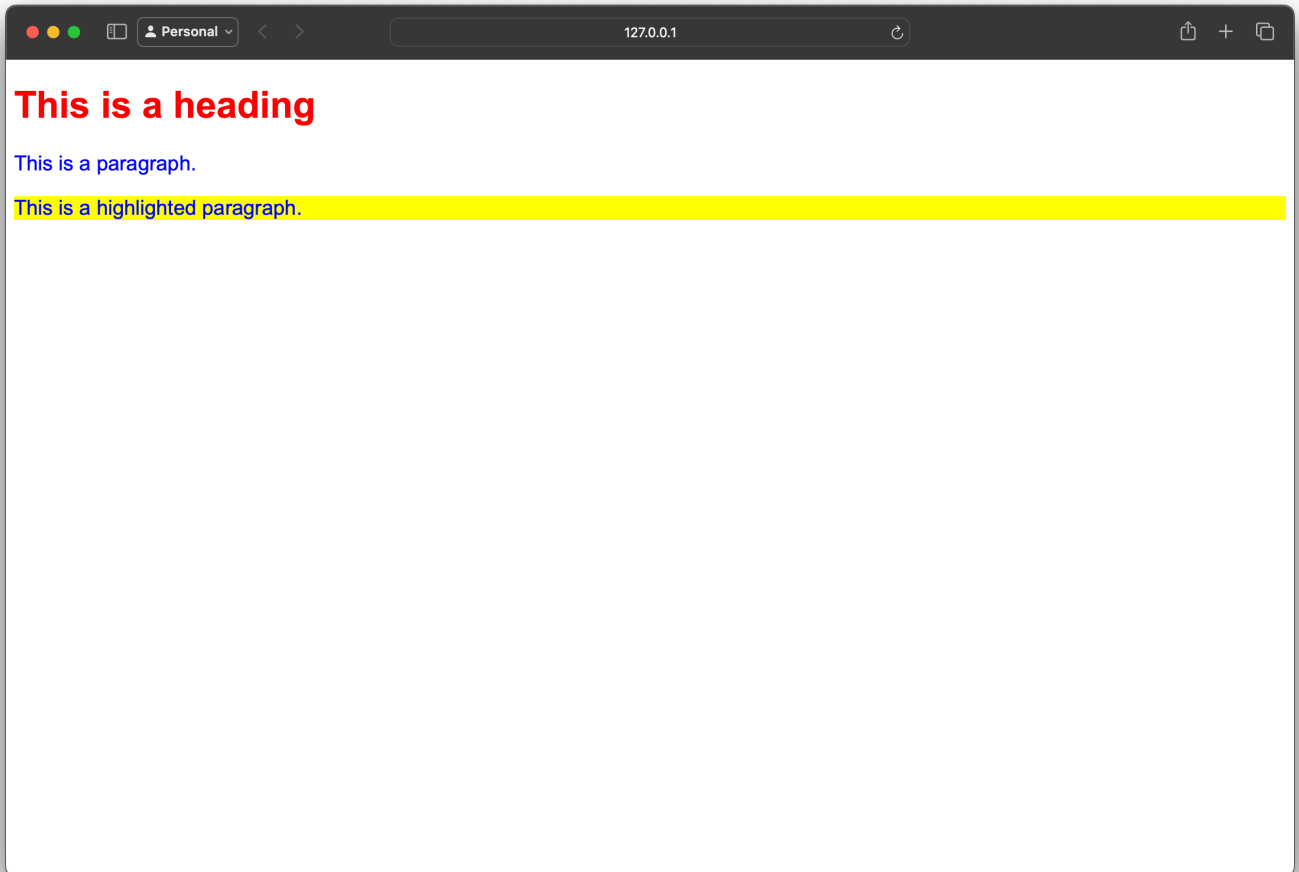
HTML and CSS work together to create visually appealing and structured web pages. In the provided code, the HTML defines the structure of the page, including headings, paragraphs, and classes for styling. CSS is used to apply styles such as font family, size, and colours to elements like headings and paragraphs. The combination of HTML and CSS allows for the creation of a cohesive and styled web page.

### Code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Styled Page</title>
    <style>
      body {
        font-family: Arial, sans-serif;
        font-size: 16px;
        color: #333;
      }
      h1 {
        font-size: 36px;
        color: #f00;
      }
      p {
        font-size: 20px;
        color: #00f;
      }
      .highlight {
        background-color: #ff0;
      }
    </style>
  </head>
  <body>
    <h1>This is a heading</h1>
```

```
<p>This is a paragraph.</p>  
<p class="highlight">This is a highlighted paragraph.</p>  
</body>  
</html>
```

### Output: (screenshot)



### Conclusion:

The HTML and CSS code provided demonstrates how to structure and style a basic web page. By understanding the relationship between HTML elements and CSS styles, developers can create visually engaging and well-organized websites. This code serves as a foundation for learning more advanced techniques in web development and design.

**Name of Student:** Sakshi Kore

**Roll Number:** 33

**Experiment No:** 02

---

### Title:

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

### Theory:

The provided HTML code structures a shopping cart page with items displayed in separate sections. Each item includes a header, product details, a counter for quantity adjustment, and a price section. The CSS styles the page with a responsive layout, consistent font family, and spacing for visual appeal. The use of classes in HTML and CSS ensures modularity and easy styling of elements across the page.

### Code:

#### 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="design.css">
</head>
<body>
  <div class="container">
    <div class="cart-item">
      <div class="cart-header">
        <h4>Anarkali Kurta With Palazzo & Dupatta Set</h4>
      </div>
      <div class="product-details">
        
        <p>Anarkali Kurta with Embroidered Ethnic motifs,
          V shaped neck & Three-quartered regular sleeves.
          This kurta set consists of kurta, palazzo and a
          dupatta.</p>
      </div>
      <div class="counter">
        <button>-</button>
        <span>1</span>
        <button>+</button>
      </div>
      <div class="price-section">
        <p>₹2000.00</p>
      </div>
    </div>
    <div class="cart-item">
      <div class="cart-header">
        <h4>Women Black & White Striped Crepe Top</h4>
      </div>
      <div class="product-details">
        
        <p>Black and white regular top with vertical stripes,
          Round neck & long, cuffed sleeves, made with
          Knitted crepe.</p>
      </div>
      <div class="counter">
        <button>-</button>
        <span>1</span>
        <button>+</button>
      </div>
      <div class="price-section">
        <p>₹850.00</p>
      </div>
    </div>
    <div class="cart-item">
```

```

<div class="cart-header">
  <h4>Rose Gold Stone-Studded Drop Earrings</h4>
</div>
<div class="product-details">
  
  <p>Rose Gold-plated handcrafted contemporary drop
    earrings, and has artificial stones, Secured with
    a post and back closures</p>
</div>
<div class="counter">
  <button>-</button>
  <span>1</span>
  <button>+</button>
</div>
<div class="price-section">
  <p>₹300.00</p>
</div>
</div>
<div class="checkout-section">
  <h4>Total: ₹2150.00</h4>
  <button><b>Checkout</b></button>
</div>
</div>
</body>
</html>

```

## CSS:

```

body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #f8f9fa;
}
.container {
  max-width: 800px;
  margin: 20px auto;
  padding: 20px;
  background-color: #fff;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
.cart-item {
  border-bottom: 1px solid #ddd;
  padding-bottom: 20px;
  margin-bottom: 20px;
}
.cart-header {
  background-color: #343a40;
  color: #fff;
  padding: 10px;
  border-top-left-radius: 5px;
  border-top-right-radius: 5px;
  margin-bottom: 10px;
}
.cart-header h4 {
  margin: 0;
}
img {
  margin-bottom: 10px;
}
.product-details {
  display: flex;
  align-items: center;
}
.product-details img {
  width: 100px;
  margin-right: 20px;
  border-radius: 5px;
}
.counter {
  display: flex;
  align-items: center;
}
.counter button {
  background-color: #007bff;
  color: #fff;
  border: none;
}

```

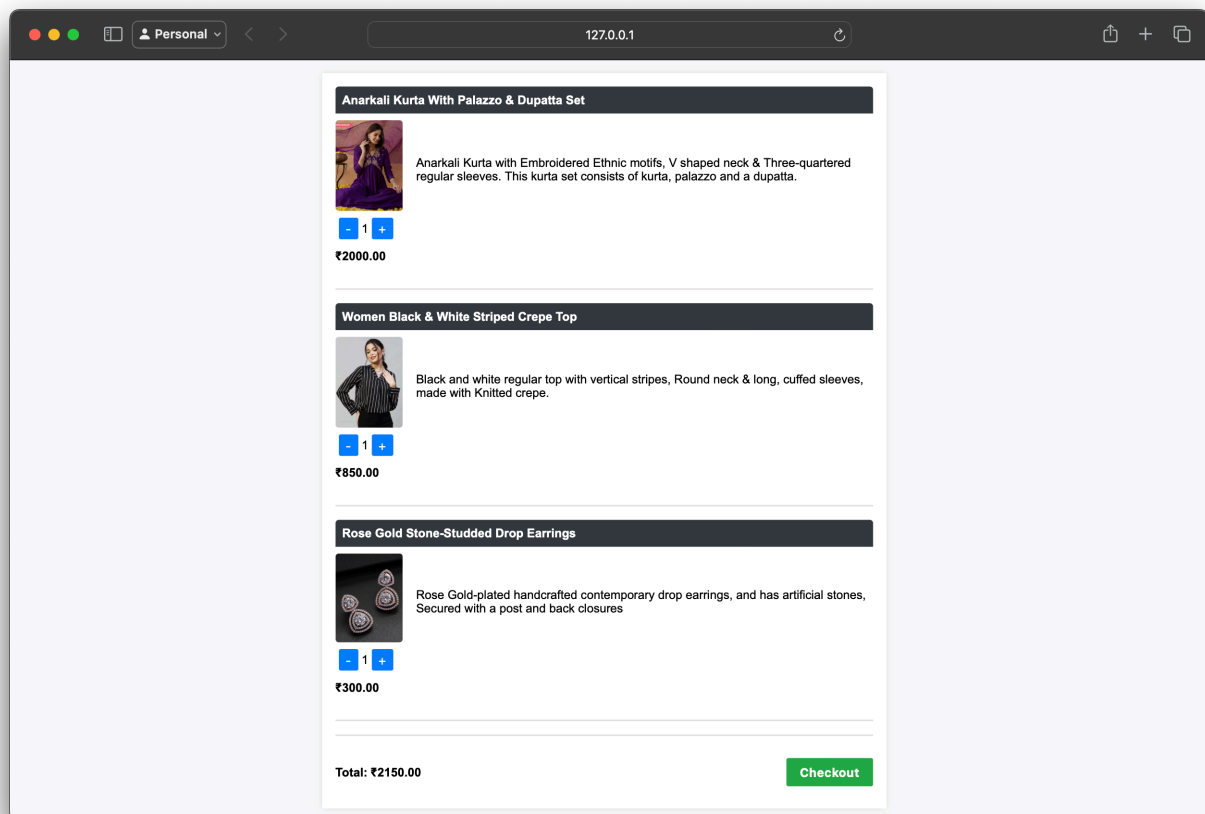


```

padding: 5px 10px;
cursor: pointer;
border-radius: 3px;
margin: 0 5px;
}
.price-section p {
font-weight: bold;
margin-top: 15px;
}
.checkout-section {
display: flex;
justify-content: space-between;
align-items: center;
border-top: 1px solid #ddd;
padding-top: 20px;
}
.checkout-section button {
background-color: #28a745;
color: #fff;
border: none;
padding: 10px 20px;
cursor: pointer;
border-radius: 3px;
}
.checkout-section button:hover {
background-color: #218838;
}

```

## Output: (screenshot)



## Conclusion:

By combining HTML for structure and CSS for styling, the shopping cart page is organized and visually appealing. The layout adjusts well to different screen sizes, thanks to responsive design practices. The use of classes and proper structuring enhances code readability and maintenance. Overall, this code exemplifies best practices for creating an effective and attractive shopping cart interface on a website.

**Roll Number:** 33

**Title:**

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:

The provided HTML code outlines the structure of a bookstore website, featuring sections for book listings, categories, and a search bar. Each book listing includes a title, author, description, and price. CSS is used to style the webpage with a responsive layout, consistent typography, color scheme, and button styles. The use of classes and IDs in HTML allows for targeted styling and interactive elements like dropdown menus and search functionality.

**Code:**

```
Homepage:
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Home Page</title>
</head>
<frameset cols="25%, 50%, *">
  <frame src="login.html" name="login">
  <frame src="home.html" name="home">
  <frame src="registration.html" name="registration">
</frameset>
</html>
```

```
Home:
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Home Page</title>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <link href="bookstore.css" rel="stylesheet" />
    <style>
      body {
        background-color: #E6E6FA;
        text-align: left;
      }
      .xyz {
        display: inline-block;
```

```

        text-align: left;
    }
</style>
</head>
<body>
    <header>
        <h1 style="text-align: center">Welcome to our Bookstore</h1>
    </header>
    <br />
    <nav class="flex-container" id="home">
        <a href="login.html" style="margin-right: 100px; margin-left: 100px">
            >LOGIN</a>
        <a href="registration.html" style="margin-right: 100px">REGISTRATION</a>
        <a href="catalogue.html">BROWSE OUR CATALOGUE</a>
    </nav>
    <br />
    <h2>Featured Books</h2>
    <div class="flex-container">
        
        <ul>
            <li>Atomic Habits</li>
            <li>Rich Dad, Poor Dad</li>
            <li>The Lunar Chronicles</li>
            <li>9th November</li>
            <li>Ender's Game</li>
            <li>One of Us Is Lying</li>
            <li>The Book Thief</li>
            <li>Salt to the Sea</li>
            <li>The Sun Is Also a Star</li>
        </ul>
    </div>
    <br />
    <br />
    <br />
    <br />
    <br />
    <br />
    <footer>
        <p style="text-align: center">Copyright © 2023 My Online Bookstore</p>
    </footer>
</body>
</html>

```

Login:

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <title>Login Page</title>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-scale=1" />
        <link href="bookstore.css" rel="stylesheet" />
        <style>
            body {
                background-color: #E6E6FA;
                text-align: center;
            }
        </style>
    </head>
    <body>
        <h1>Login to Your Account</h1>
        <nav class="flex-containers" id="home">
            <a href="home.html" style="margin-right: 150px">HOME</a>
            <a href="registration.html" style="margin-left: 50px">REGISTER ACCOUNT</a>

```

```

    <br /><br /><br /><br /><br />
</nav>
<form>
  <fieldset>
    <label for="email">Email:</label>
    <input type="email" name="email" id="email" required /><br /><br />
    <label for="password">Password:</label>
    <input
      type="password"
      name="password"
      id="password"
      required
    /><br /><br />
    <input
      type="submit"
      value="Login"
      style="width: 75px; height: 25px;"
      class="button"
    />
  </fieldset>
</form>
<br />
<footer>
  <p style="text-align: center">Copyright © 2023 My Online Bookstore</p>
</footer>
</body>
</html>

```

```

Registration:
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>Registration Page</title>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <link href="bookstore.css" rel="stylesheet" />
    <style>
      body {
        background-color: #E6E6FA;
        text-align: center;
      }
    </style>
  </head>
  <body>
    <h1>Create a New Account</h1>
    <nav class="flex-containers" id="home">
      <a href="home.html" style="margin-right: 150px">HOME</a>
      <a href="login.html" style="margin-left: 50px">LOGIN</a>
    </nav>
    <form>
      <fieldset>
        <label for="email">Email:</label>
        <input type="email" name="email" id="email" required /><br /><br />
        <label for="password">Password:</label>
        <input
          type="password"
          name="password"
          id="password"
          required
        /><br /><br />
        <label for="name">Name:</label>
        <input type="text" name="name" id="name" required /><br /><br />
        <label for="phone">Phone:</label>
        <input type="tel" name="phone" id="phone" required /><br /><br />
        <label for="address">Address:</label>
        <textarea name="address" id="address" required></textarea><br /><br />
        <input
          type="submit"
          value="Register"
        />
      </fieldset>
    </form>
  </body>
</html>

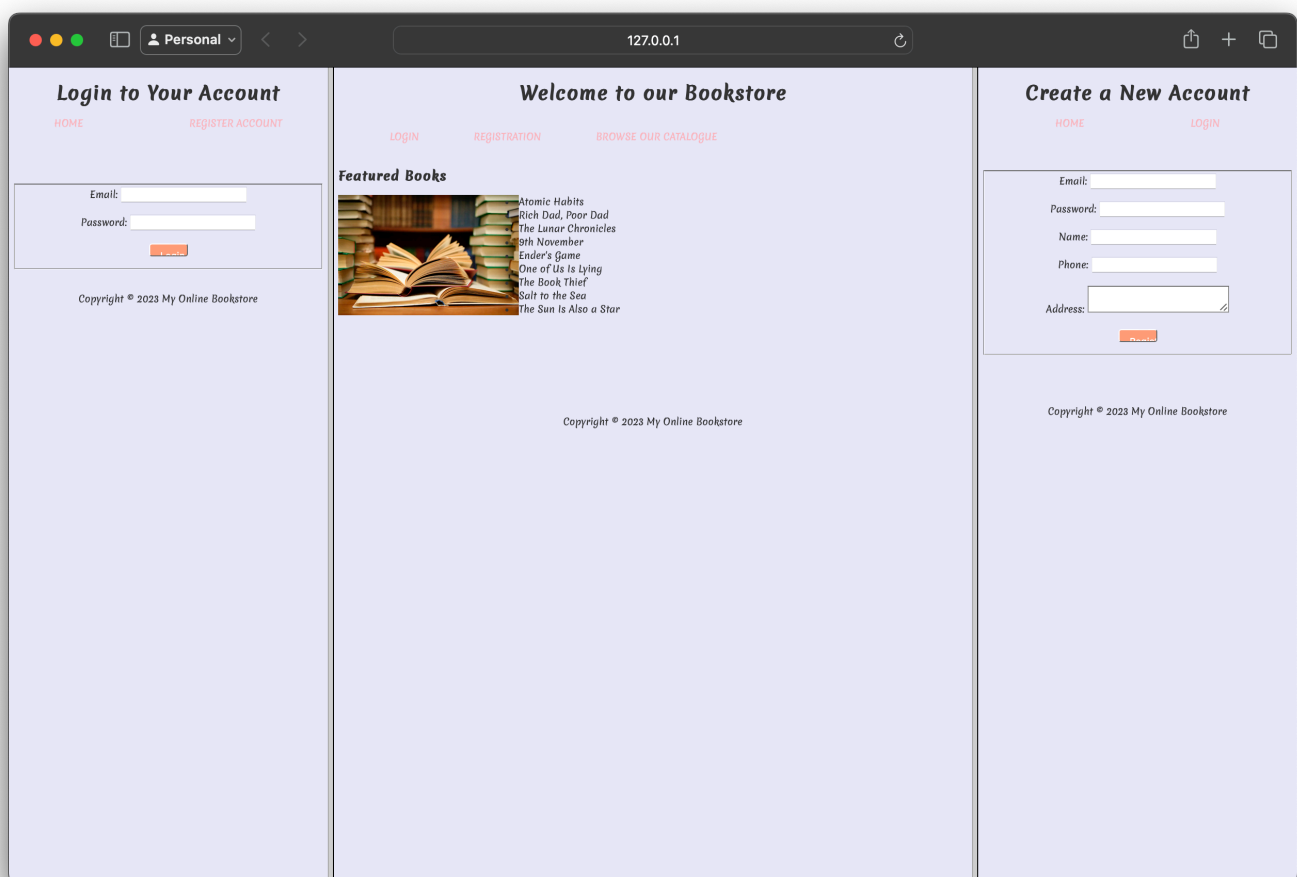
```

```

        style="width: 75px; height: 25px;"
        class="button"
    />
</fieldset>
</form>
<br /><br /><br />
<footer>
    <p>Copyright © 2023 My Online Bookstore</p>
</footer>
</body>
</html>

```

## Output: (screenshot)



## Conclusion:

By integrating HTML for structure and CSS for styling, the bookstore website achieves a professional and user-friendly design. The responsive layout ensures compatibility across different devices, enhancing the user experience. The use of classes, IDs, and semantic HTML elements promotes code organization and readability, facilitating future updates and maintenance. Overall, this code exemplifies best practices for creating an effective and visually appealing online bookstore.

**Name of Student:** Sakshi Kore

**Roll Number:** 33

**Experiment No:** 04

---

**Title:**

4. Create an 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:**

The HTML code defines a basic webpage with a header containing a navigation menu and a section with headings, paragraphs, and a hyperlink. It also includes internal and external CSS styles for font, color, background, and layout. The external CSS file "external\_css.css" is linked to provide additional styling, while inline styles and class selectors are used within the HTML for specific elements.

**Code:**

```
Html Code:
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Style Sheet Example</title>
  <link rel="stylesheet" href="external_css.css">
  <style>
    body {
      font-family: Arial, sans-serif;
      line-height: 1.6;
      background-color: #f4f4f4;
      margin: 0;
      padding: 0;
    }
    .custom-style {
      font-size: 18px;
      color: #555;
    }
  </style>
</head>
<body>
```

```

<header>
  <h1>Welcome to our Website</h1>
  <nav>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">About Us</a></li>
      <li><a href="#">Services</a></li>
      <li><a href="#">Contact</a></li>
    </ul>
  </nav>
</header>
<section>
  <h2>This is a Heading</h2>
  <hr>
  <p class="custom-style">This is a paragraph with custom style
applied using a class.</p>
  <p style="color: rgb(107, 17, 166);">This is a paragraph with
inline style.</p>
  <a href="#">Click here</a> to visit our website.
</section>
</body>
</html>

```

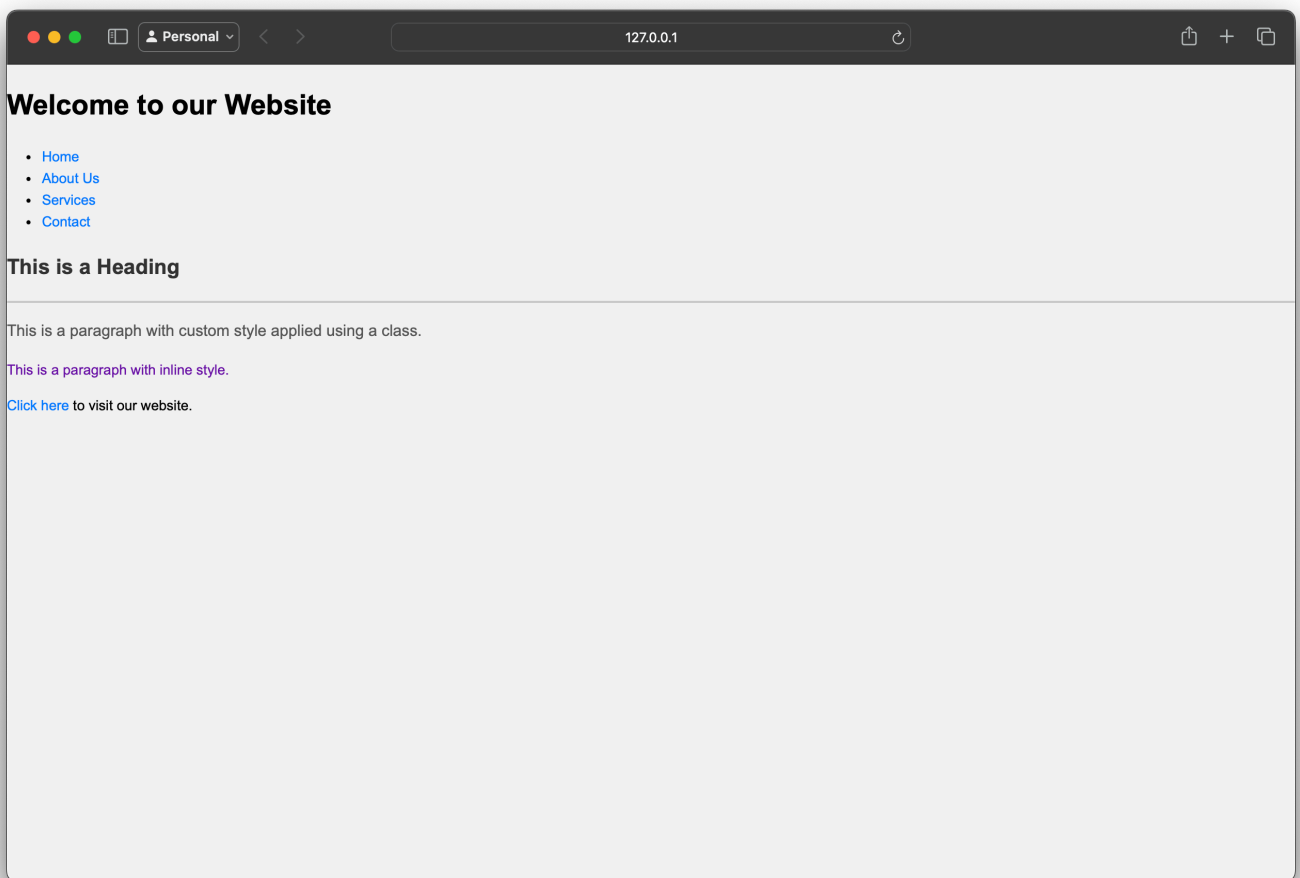
#### CSS Code:

```

h2 {
  color: #333;
  font-size: 24px;
}
hr {
  border: 1px solid #ccc;
}
p {
  color: #666;
  font-size: 16px;
}
a {
  color: #007bff;
  text-decoration: none;
}
a:hover {
  text-decoration: underline;
}

```

## Output: (screenshot)



## Conclusion:

By combining external and internal CSS styles, the webpage achieves consistent visual presentation and maintains separation of concerns between structure (HTML) and style (CSS). The use of class selectors allows for targeted styling of specific elements, enhancing readability and maintainability of the code. Overall, this example demonstrates effective use of HTML and CSS to create a structured and visually appealing webpage.