

ABES Institute of Technology

Web Designing Workshop

(BCS 353)

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2nd Year, (CSE)

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List of Experiments:

1. Create a home page for online book store.
2. Create a Login page.
3. Create a catalogue page.
4. Create a cartpage.
5. Create a Registration Page.
6. JS validations for Name and Password in registration page.
7. JS validations for Email and Phone number in registration page.
8. CSS: Design a web page using CSS(Cascading Style Sheets) which includes different font, styles, Set a background image for both the page and single elements on the page.
9. Consider a small topic of your choice on which you can develop static Webpages and try to implement all topics of html, CSS and Js within the topic. Choose any one topic.
 - Your Own Portfolio
 - To-Do List
 - Survey Form
 - A Tribute Page
 - Questionnaire

Program 1

Design the following static web pages required for an online bookstore website.

HOME PAGE:

The static home page must contain three frames.

Top frame: Logo and the college name and links to Homepage, Login page, Registration page, Catalogue page and Cart page (the description of these pages will be given below).

For example: When you click the link "CSE" the catalogue for CSE Books should be displayed in the Right frame. Right frame: The pages to the links in the left frame must be loaded here. Initially this page contains description of the web site.

Logo	Web Site Name			
Home	Login	Registration	Catalogue	Cart
CSE ECE EEE CIVIL	Description of the WebSite			

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Online Bookstore</title>
```

```
<style>
```

```
/* Define your CSS styles here */
```

```
body {
```

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

```
margin: 0;
```

```
padding: 0;
```

```
}
```

```
#header {
```

```
background-color: #333;
```

```
color: #fff;
```

```
        text-align: center;
        padding: 10px;
    }
    #menu {
        background-color: #555;
        color: #fff;
        float: left;
        width: 20%;
        padding: 20px;
    }
    #content {
        float: left;
        width: 80%;
        padding: 20px;
    }
    #footer {
        clear: both;
        background-color: #333;
        color: #fff;
        text-align: center;
        padding: 10px;
    }
</style>
</head>
<body>
    <div id="header">
        <h1>Online Bookstore</h1>
        <p>Logo</p>
    </div>
    <div id="menu">
        <h2>Web Site Name</h2>
```

```

<ul>
  <li><a href="#">Home</a></li>
  <li><a href="#">Login</a></li>
  <li><a href="#">Registration</a></li>
  <li><a href="#">Catalogue</a></li>
  <li><a href="#">Cart</a></li>
</ul>
<h2>Categories</h2>
<ul>
  <li><a href="#">CSE</a></li>
  <li><a href="#">ECE</a></li>
  <li><a href="#">EEE</a></li>
  <li><a href="#">CIVIL</a></li>
</ul>
</div>
<div id="content">
  <h2>Description of the WebSite</h2>
  <p>Here you can find a wide selection of books in various categories. Explore our catalog and start shopping!</p>
</div>
<div id="footer">
  &copy; 2023 Online Bookstore
</div>
</body>
</html>

```

Output:

Online Bookstore

Logo

Web Site Name

- [Home](#)
- [Login](#)
- [Registration](#)
- [Catalogue](#)
- [Cart](#)

Categories

- [CSE](#)
- [ECE](#)
- [EEE](#)
- [CIVIL](#)

Description of the WebSite

Here you can find a wide selection of books in various categories. Explore our catalog and start shopping!

Program 2

LOGINPAGE:

This page looks like below:

Logo	WebSite Name			
Home	Login	Registration	Catalogue	Cart
CSE	<div>Login Page</div> <div>User Name: <input type="text"/></div> <div>Passwords: <input type="password"/></div> <div><input type="button" value="Submit"/> <input type="button" value="Reset"/></div>			
ECE				
EEE				
CIVIL				

Code:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Login - Online Bookstore</title>
```

```
<style>
```

```
/* Define your CSS styles here */
```

```
body {
```

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

```
    margin: 0;
```

```
    padding: 0;
```

```
}
```

```
#header {
```

```
    background-color: #333;
```

```
    color: #fff;
```

```
    text-align: center;

    padding: 10px;
}

#menu {

    background-color: #555;

    color: #fff;

    float: left;

    width: 20%;

    padding: 20px;
}

#content {

    float: left;

    width: 80%;

    padding: 20px;
}

#footer {

    clear: both;

    background-color: #333;

    color: #fff;

    text-align: center;

    padding: 10px;
}

#login-form {

    margin: 20px;

    padding: 20px;

    background-color: #f2f2f2;

    border: 1px solid #ddd;

    border-radius: 5px;
}

#login-form label {

    display: block;
```



```

        margin-bottom: 10px;
    }
    #login-form input[type="text"],
    #login-form input[type="password"] {
        width: 100%;
        padding: 10px;
        margin-bottom: 10px;
        border: 1px solid #ccc;
        border-radius: 3px;
    }
    #login-form input[type="submit"],
    #login-form input[type="reset"] {
        background-color: #333;
        color: #fff;
        padding: 10px 20px;
        border: none;
        border-radius: 3px;
        cursor: pointer;
    }
</style>
</head>
<body>
    <div id="header">
        <h1>Online Bookstore</h1>
        <p>Logo</p>
    </div>
    <div id="menu">
        <h2>Web Site Name</h2>
        <ul>
            <li><a href="#">Home</a></li>
            <li><a href="#">Login</a></li>

```

```
<li><a href="#">Registration</a></li>

<li><a href="#">Catalogue</a></li>

<li><a href="#">Cart</a></li>

</ul>

<h2>Categories</h2>

<ul>

  <li><a href="#">CSE</a></li>

  <li><a href="#">ECE</a></li>

  <li><a href="#">EEE</a></li>

  <li><a href="#">CIVIL</a></li>

</ul>

</div>

<div id="content">

  <h2>Login Page</h2>

  <div id="login-form">

    <form action="#" method="post">

      <label for="username">User Name:</label>

      <input type="text" id="username" name="username" required>

      <label for="password">Password:</label>

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

      <input type="submit" value="Submit">

      <input type="reset" value="Reset">

    </form>

  </div>

</div>

<div id="footer">

  &copy; 2023 Online Bookstore

</div>

</body>
```

</html>

Output:

Login Page

User Name:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="Submit"/>	<input type="button" value="Reset"/>

Program 3

CATALOGUE PAGE: The catalogue page should contain the details of all the books available in the website in a

table. The details should contain the following:

1. Snap shot of Cover Page.
2. Author Name.
3. Publisher.
4. Price.
5. Add to cart button.

Code:

```
<!DOCTYPE html>

<html>

<head>

    <title>Catalogue - Online Bookstore</title>

    <style>

        /* Define your CSS styles here */

        body {

            font-family: Arial, sans-serif;

            margin: 0;

            padding: 0;

        }

        #header {

            background-color: #333;

            color: #fff;

            text-align: center;

            padding: 10px;

        }
```

```
#menu {  
  
    background-color: #555;  
  
    color: #fff;  
  
    float: left;  
  
    width: 20%;  
  
    padding: 20px;  
  
}
```

```
#content {  
  
    float: left;  
  
    width: 80%;  
  
    padding: 20px;  
  
}
```

```
#footer {  
  
    clear: both;  
  
    background-color: #333;  
  
    color: #fff;  
  
    text-align: center;  
  
    padding: 10px;  
  
}
```

```
table {  
  
    width: 100%;  
  
    border-collapse: collapse;  
  
}  
  
table, th, td {  
  
    border: 1px solid #ccc;  
  
}
```

```
th, td {

    padding: 10px;

    text-align: left;

}

th {

    background-color: #333;

    color: #fff;

}

.book-cover {

    max-width: 100px;

    max-height: 150px;

}

.add-to-cart-btn {

    background-color: #333;

    color: #fff;

    padding: 5px 10px;

    border: none;

    border-radius: 3px;

    cursor: pointer;

}

</style>

</head>

<body>

    <div id="header">

        <h1>Online Bookstore</h1>

        <p>Logo</p>
```

</div>

<div id="menu">

<h2>Web Site Name</h2>

Home

Login

Registration

Catalogue

Cart

<h2>Categories</h2>

CSE

ECE

EEE

CIVIL

</div>

<div id="content">

<h2>Catalogue</h2>

<table>

<thead>

<tr>

<th>Book Cover</th>

<th>Author Name</th>

<th>Publisher</th>

```

        <th>Price</th>

        <th>Action</th>

    </tr>

</thead>

<tbody>

    <!-- Example book entry -->

    <tr>

        <td></td>

        <td>Author Name 1</td>

        <td>Publisher 1</td>

        <td>$19.99</td>

        <td><button class="add-to-cart-btn">Add to Cart</button></td>

    </tr>

    <!-- Add more book entries here -->

</tbody>

</table>

</div>

<div id="footer">

    &copy; 2023 Online Bookstore

</div>

</body>

</html>

```

Output:

Web Site Name

- [Home](#)
- [Login](#)
- [Registration](#)
- [Catalogue](#)
- [Cart](#)

Categories

- [CSE](#)
- [ECE](#)
- [EEE](#)
- [CIVIL](#)

Catalogue

Book Cover	Author Name	Publisher	Price	Action
 Book Cover	Author Name 1	Publisher 1	\$19.99	Add to Cart

Program 4

CARTPAGE: The cart page contains the details about the books which are added to the cart.

Code:

```
<!DOCTYPE html>

<html>

<head>

  <title>Cart - Online Bookstore</title>

  <style>

    /* Define your CSS styles here */

    body {

      font-family: Arial, sans-serif;

      margin: 0;

      padding: 0;

    }

    #header {

      background-color: #333;

      color: #fff;

      text-align: center;

      padding: 10px;

    }

    #menu {

      background-color: #555;

      color: #fff;

      float: left;

      width: 20%;

      padding: 20px;

    }

    #content {

      float: left;
```

```
width: 80%;
padding: 20px;
}
#footer {
clear: both;
background-color: #333;
color: #fff;
text-align: center;
padding: 10px;
}
table {
width: 100%;
border-collapse: collapse;
}
table, th, td {
border: 1px solid #ccc;
}
th, td {
padding: 10px;
text-align: left;
}
th {
background-color: #333;
color: #fff;
}
.book-cover {
max-width: 100px;
max-height: 150px;
}
.remove-btn {
background-color: #ff0000;
```

```
        color: #fff;

        padding: 5px 10px;

        border: none;

        border-radius: 3px;

        cursor: pointer;

    }
</style>
</head>
<body>

    <div id="header">

        <h1>Online Bookstore</h1>

        <p>Logo</p>

    </div>

    <div id="menu">

        <h2>Web Site Name</h2>

        <ul>

            <li><a href="#">Home</a></li>

            <li><a href="#">Login</a></li>

            <li><a href="#">Registration</a></li>

            <li><a href="#">Catalogue</a></li>

            <li><a href="#">Cart</a></li>

        </ul>

        <h2>Categories</h2>

        <ul>

            <li><a href="#">CSE</a></li>

            <li><a href="#">ECE</a></li>

            <li><a href="#">EEE</a></li>

            <li><a href="#">CIVIL</a></li>

        </ul>

    </div>

    <div id="content">
```

<h2>Shopping Cart</h2>

<table>

<thead>

<tr>

<th>Book Cover</th>

<th>Title</th>

<th>Author Name</th>

<th>Publisher</th>

<th>Price</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<!-- Example book entries in the cart -->

<tr>

<td></td>

<td>Book Title 1</td>

<td>Author Name 1</td>

<td>Publisher 1</td>

<td>\$19.99</td>

<td><button class="remove-btn">Remove</button></td>

</tr>

<tr>

<td></td>

<td>Book Title 2</td>

<td>Author Name 2</td>

<td>Publisher 2</td>

<td>\$24.99</td>

<td><button class="remove-btn">Remove</button></td>



</tr>

<!-- Add more book entries in the cart as needed -->

```
        </tbody>
    </table>
</div>
<div id="footer">
    &copy; 2023 Online Bookstore
</div>
</body>
</html>
```

Output:

Shopping Cart

Book Cover	Title	Author Name	Publisher	Price	Action
 Book Cover	Book Title 1	Author Name 1	Publisher 1	\$19.99	Remove
 Book Cover	Book Title 2	Author Name 2	Publisher 2	\$24.99	Remove

Program 5

REGISTRATION PAGE : Create a " registration form" with the following fields

- 1)Name (Text field)
- 2>Password (password field)
- 3) E-mail id(text field)
- 4) Phone Number(text field)
- 5) Sex(radio button)
- 6) Date of birth(3 select boxes)
- 7) Languages known(checkboxes–English, Telugu, Hindi, Tamil)
- 8) Address(text area)

Code:

```
<!DOCTYPE html>

<html>

<head>

    <title>Registration - Online Bookstore</title>

    <style>

        /* Define your CSS styles here */

        body {

            font-family: Arial, sans-serif;

            margin: 0;

            padding: 0;

        }

        #header {

            background-color: #333;

            color: #fff;

            text-align: center;

            padding: 10px;

        }
```

```
#menu {  
  
    background-color: #555;  
  
    color: #fff;  
  
    float: left;  
  
    width: 20%;  
  
    padding: 20px;  
  
}
```

```
#content {  
  
    float: left;  
  
    width: 80%;  
  
    padding: 20px;  
  
}
```

```
#footer {  
  
    clear: both;  
  
    background-color: #333;  
  
    color: #fff;  
  
    text-align: center;  
  
    padding: 10px;  
  
}
```

```
.registration-form {  
  
    margin: 20px;  
  
    padding: 20px;  
  
    background-color: #f2f2f2;  
  
    border: 1px solid #ddd;  
  
    border-radius: 5px;  
  
}
```



```
.registration-form label {  
    display: block;  
    margin-bottom: 10px;  
}  
  
.registration-form input[type="text"],  
.registration-form input[type="password"],  
.registration-form input[type="email"],  
.registration-form input[type="tel"],  
.registration-form select,  
.registration-form textarea {  
    width: 100%;  
    padding: 10px;  
    margin-bottom: 10px;  
    border: 1px solid #ccc;  
    border-radius: 3px;  
}  
  
.registration-form input[type="radio"],  
.registration-form input[type="checkbox"] {  
    margin-right: 5px;  
}  
  
</style>  
  
</head>  
  
<body>  
  
<div id="header">  
  
<h1>Online Bookstore</h1>  
  
<p>Logo</p>
```

</div>

<div id="menu">

<h2>Web Site Name</h2>

Home

Login

Registration

Catalogue

Cart

<h2>Categories</h2>

CSE

ECE

EEE

CIVIL

</div>

<div id="content">

<h2>Registration Form</h2>

<div class="registration-form">

<form action="#" method="post">

<label for="name">Name:</label>

<input type="text" id="name" name="name" required>

<label for="password">Password:</label>

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

<label for="email">E-mail:</label>

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

<label for="phone">Phone Number:</label>

<input type="tel" id="phone" name="phone" required>

<label>Sex:</label>

<input type="radio" id="male" name="sex" value="male" required>

<label for="male">Male</label>

<input type="radio" id="female" name="sex" value="female" required>

<label for="female">Female</label>

<label for="dob">Date of Birth:</label>

<select id="day" name="day" required>

<option value="">Day</option>

<!-- Add day options here -->

</select>

<select id="month" name="month" required>

<option value="">Month</option>

<!-- Add month options here -->

</select>

<select id="year" name="year" required>

<option value="">Year</option>

<!-- Add year options here -->

</select>

<label>Languages known:</label>

<input type="checkbox" id="english" name="languages[]" value="english">

<label for="english">English</label>

<input type="checkbox" id="telugu" name="languages[]" value="telugu">

<label for="telugu">Telugu</label>

<input type="checkbox" id="hindi" name="languages[]" value="hindi">

<label for="hindi">Hindi</label>

<input type="checkbox" id="tamil" name="languages[]" value="tamil">

<label for="tamil">Tamil</label>

<label for="address">Address:</label>

<textarea id="address" name="address" rows="4" required> </textarea>

<input type="submit" value="Register">

</form>

</div>

</div>

<div id="footer">

© 2023 Online Bookstore

</div>

</body>

</html>

Output:

Registration Form

Name:	
Password:	
E-mail:	
Phone Number:	
Sex:	
<input type="radio"/> Male	
<input type="radio"/> Female	
Date of Birth:	
Day	▼
Month	▼
Year	▼
Languages known:	
<input type="checkbox"/> English	
<input type="checkbox"/> Telugu	
<input type="checkbox"/> Hindi	
<input type="checkbox"/> Tamil	
Address:	
<div>Register</div>	

Program 6

Js VALIDATION: Write JavaScript to validate the following fields of the above registration page.

1. Name (Name should contains alphabets and the length should not be less than 6 characters).
2. Password (Password should not be less than 6 characters length).

Code:

```
<!DOCTYPE html>

<html>

<head>

  <title>Registration - Online Bookstore</title>

  <style>

    /* Define your CSS styles here */

    body {

      font-family: Arial, sans-serif;

      margin: 0;

      padding: 0;

    }

    /* ... (CSS styles for your page) ... */

  </style>

</head>

<body>

  <div id="header">

    <!-- Header content -->

  </div>

  <div id="menu">

    <!-- Menu content -->

  </div>

  <div id="content">

    <h2>Registration Form</h2>

    <div class="registration-form">

      <form action="#" method="post" onsubmit="return validateForm()">
```

```
<!-- Name field -->
```

```
<label for="name">Name:</label>
```

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

```
<span id="nameError" class="error"></span>
```

```
<!-- Password field -->
```

```
<label for="password">Password:</label>
```

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

```
<span id="passwordError" class="error"></span>
```

```
<!-- Other form fields -->
```

```
<!-- ... (Other form fields) ... -->
```

```
<input type="submit" value="Register">
```

```
</form>
```

```
</div>
```

```
</div>
```

```
<div id="footer">
```

```
  &copy; 2023 Online Bookstore
```

```
</div>
```

```
<script>
```

```
  function validateForm() {
```

```
    var nameInput = document.getElementById("name");
```

```
    var passwordInput = document.getElementById("password");
```

```
    var nameError = document.getElementById("nameError");
```

```
    var passwordError = document.getElementById("passwordError");
```

```
    // Reset error messages
```

```
    nameError.textContent = "";
```

```
    passwordError.textContent = "";
```

```
// Validate Name (contains alphabets and length >= 6)

var name = nameInput.value.trim();

if (!/^[a-zA-Z]+$/.test(name) || name.length < 6) {

    nameError.textContent = "Name should contain alphabets and be at least 6 characters
long.";

    nameInput.focus();

    return false;

}


// Validate Password (length >= 6)

var password = passwordInput.value.trim();

if (password.length < 6) {

    passwordError.textContent = "Password should be at least 6 characters long.";

    passwordInput.focus();

    return false;

}


// Continue with form submission if all validations pass

return true;

}

</script>

</body>

</html>
```

Output:

Registration Form

Name: Password:

© 2023 Online Bookstore

Program 7

Js VALIDATION: Write JavaScript to validate the following fields of the above registration page.

- E-mailid (should not contain any invalid and must follow the standard pattern(name@domain.com))
- Phone Number(Phone number should contain 10 digits only).

Code:

```
<!DOCTYPE html>
<html>
<head>
  <title>Registration - Online Bookstore</title>
  <style>
    /* Define your CSS styles here */
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
    }
    /* ... (CSS styles for your page) ... */
  </style>
</head>
<body>
  <div id="header">
    <!-- Header content -->
  </div>
  <div id="menu">
    <!-- Menu content -->
  </div>
  <div id="content">
    <h2>Registration Form</h2>
    <div class="registration-form">
      <form action="#" method="post" onsubmit="return validateForm()">
        <!-- Name field -->
        <!-- ... (Name field) ... -->

        <!-- Password field -->
        <!-- ... (Password field) ... -->

        <!-- Email field -->
        <label for="email">E-mail:</label>
        <input type="email" id="email" name="email" required>
        <span id="emailError" class="error"></span>
      </form>
    </div>
  </div>
</body>
</html>
```

```

<!-- Phone Number field -->
<label for="phone">Phone Number:</label>
<input type="tel" id="phone" name="phone" required>
<span id="phoneError" class="error"></span>

<!-- Other form fields -->
<!-- ... (Other form fields) ... -->

<input type="submit" value="Register">
</form>
</div>
</div>
<div id="footer">
  &copy; 2023 Online Bookstore
</div>

<script>
function validateForm() {
  var nameInput = document.getElementById("name");
  var passwordInput = document.getElementById("password");
  var emailInput = document.getElementById("email");
  var phoneInput = document.getElementById("phone");
  var nameError = document.getElementById("nameError");
  var passwordError = document.getElementById("passwordError");
  var emailError = document.getElementById("emailError");
  var phoneError = document.getElementById("phoneError");

  // Reset error messages
  nameError.textContent = "";
  passwordError.textContent = "";
  emailError.textContent = "";
  phoneError.textContent = "";

  // Validate Name (contains alphabets and length >= 6)
  // ... (Name validation code, as previously provided) ...

  // Validate Password (length >= 6)
  // ... (Password validation code, as previously provided) ...

  // Validate Email (standard pattern)
  var email = emailInput.value.trim();
  var emailPattern = /^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/;
  if (!emailPattern.test(email)) {
    emailError.textContent = "Invalid email format (e.g., name@domain.com)";
    emailInput.focus();
    return false;
  }
}

```

```
// Validate Phone Number (10 digits only)
var phone = phoneInput.value.trim();
if (!/^d{10}$/.test(phone)) {
    phoneError.textContent = "Phone number should contain 10 digits only.";
    phoneInput.focus();
    return false;
}

// Continue with form submission if all validations pass
return true;
}
</script>
</body>
</html>
```

Output:

Registration Form

E-mail: Phone Number:

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Program 8

CSS: 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.
- 2) Set a background image for both the page and single elements on the page.

Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Styled Web Page</title>

  <style>

    /* Define different font styles */

    body {

      font-family: Arial, sans-serif;

    }

    h1 {

      font-family: "Times New Roman", serif;

      color: #333;

    }

    p {

      font-family: "Verdana", sans-serif;

      font-size: 16px;

      color: #666;

    }

    /* Set background images */
```

```
body {  
    background-image: url('background.jpg');  
    background-size: cover;  
    background-repeat: no-repeat;  
    background-attachment: fixed;  
    background-color: #f0f0f0;  
}
```

```
.header {  
    background-image: url('header-bg.jpg');  
    background-size: cover;  
    background-repeat: no-repeat;  
    padding: 20px;  
    color: #fff;  
    text-align: center;  
}
```

```
.section {  
    background-image: url('section-bg.jpg');  
    background-size: cover;  
    background-repeat: no-repeat;  
    padding: 20px;  
    color: #333;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="header">
```

```
<h1>Welcome to My Styled Web Page</h1>
```

```
<p>This is a sample web page with different fonts and background images.</p>
```

```
</div>
```

```
<div class="section">

  <h2>Section Title</h2>

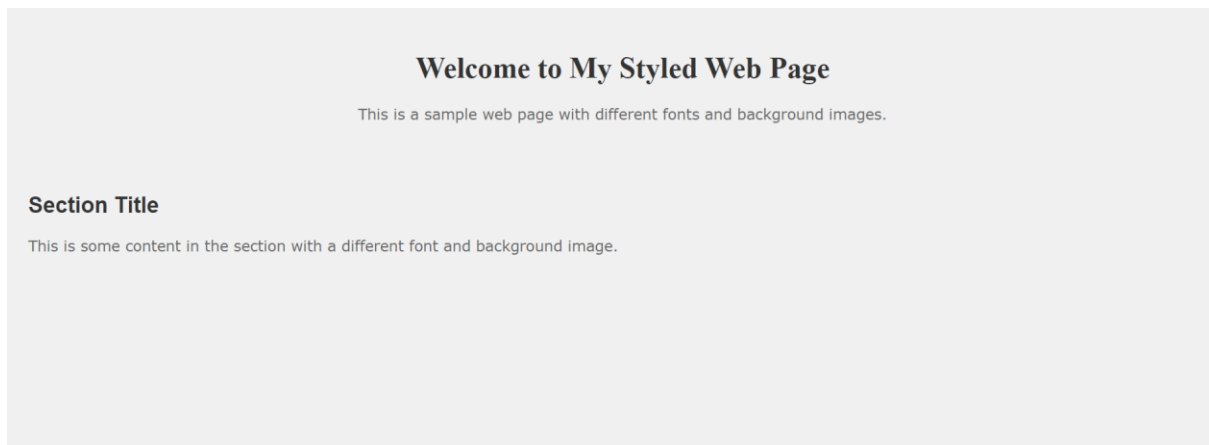
  <p>This is some content in the section with a different font and background image.</p>

</div>

</body>

</html>
```

Output:



Program 9

Consider a small topic of your choice on which you can develop static Webpages and try to implement all topics of html, CSS and Js within the topic.

Choose any one topic.

1. Your Own Portfolio
2. To-Do List
3. Survey Form
4. A Tribute Page
5. A Questionnaire

Do it by yourself.



Department of Computer Science & Engineering
Course Outcomes

Teacher: Priyanka Gupta / Monika Gaur
 Subject Name: Web Designing Workshop
 Session: 2023-24

Subject Code: BCS 353
 NBA Code:
 Group: 2CSA, 2CSB, 2CSC

CO	Course Outcomes (Statements)
CO.1	Analyze a web page and identify its elements, attributes and create static pages using HTML.
CO.2	Create web pages using Cascading Style Sheets (CSS).
CO.3	Apply Java Script validations on web page.

Correlation of Course Outcomes with PO & PSO
Project : Year of Study: 2023-24

Correlation of Course Outcomes with PO & PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO.1			2			1		1	1			1				
CO.2			2			1		1	1			1				
CO.3			2			1		1	1			1				
			2			1		1	1			1				

[Course Coordinator]