Department of Computer Science & Engineering
Faculty of Engineering & Technology (ITER)

Assignment-2

① CODE

```
<head>
<title> Styled page </title>
<link rel = "stylesheet" href = "styles.css">
<style>
 # h3-style {
        text-align : center;
        font-weight: bold;
    }
# h4-style {
        text-align: right;
        font-weight : normal;
    }
</style>
</head>
<body>
<h1 style = "color: blue ; font-size : 36 px ;">welcome to my page </h1>
<h2 style = "color: green; font-size : 30px ;"> subheading </h2>
<h3 id = "h3-style"> This is third-level heading </h3>
<h4 id = "h4-style"> This is fourth-level heading </h4>
<h5 class = "h5-style"> This is fifth-level heading </h5>
<p class = "text"> This is a paragraph that provides some
information </p>

<p class = "text"> Another Paragraph with Same Styling </p>
</body>
</html>
```

```
body {
    background-color: # fofofo;
}
.h5-style {
    font-size : 18 px;
    color : darkorange;
}
.text {
    color: darkslategray;
    font-size : 16 px;
}
```

OUTPUT

welcome to my page

Subheading

Third level heading

Q2 CODE

```
<head>
<title> product display </title>
<link rel="Stylesheet" href="styles.css">
</head>
<body>
<div class="product-container">
<img src="product1.JPg" alt="product 1" class="product-image">
<p class="product-description">Brief discription of product 1</p>
</div>
<div class="product-container">
```

```
<img src="product2.jpg" alt="product2" class="product-image">
<p class="product-description">Brief description of product 2</p>
</div>
</body>
</html>

body {
    display: flex;
    Justify content: space-around;
    flex-wrap: wrap;
    Padding: 20 px;
}

.product-container {
    width: 400 px;
    padding: 20 px;
    border: 10 px solid #ccc;
    margin: 15 px;
    box-sizing: border-box;
    text-align: center;
}
.product-image {
    max-width: 100%
    height: auto;
}
.product-description {
    font-size: 16 px;
    color: #333;
}
```

Q3 CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title> Interactive Div </title>
  <link rel="Stylesheet" href="styles.css">
</head>
<body>
<div class="product-container">
<img src="product1.jpg" alt="product 1" class="product-image"
                                        id="hover-image">
<p class="product-description">Brief description of Product 1 </p>
</div>
<div id="special-div"> My special div </div>
<script>
const imge = document.getElement By Id ('hover-image');
const specialDiv = document.get Element By I d ('special-div');
image.addEventListener ('mouseover', ()=>{
    SpecialDiv.style.color = 'red';
  });
imag.addEventlistener ('mouseout', ()=>{
Special Div.style.color = 'black';
  });
</script>
</body>
</html>
```

```
body {
    display : flex;
    flex-direction: column;
    align-items : center;
    padding: 20px;
}
```

```
• Product-Container {
    width: 400px;
    Padding: 20 px;
    border: 10px solid # ccc;
    margin : 15px;
    box-sizing: border-box;
    text-align : center;
  }
• product-Image {
    max-width : 100%;
    height : auto;
  }
# Special-div {
    margin-top : 20px;
    font-size: 24px;
    color: black;
  }
```

Q4 CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
 <title> Background image change on Hover </title>
 <link rel="stylesheet" href="styles.css">
 </head>
<body>
 <div id="image-div" class="image-container">
   <img src="product1.jpg" alt="Product 1" class="product-image"
                                            id="hover-image">
 </div>
 <script>
 const imageDiv = document.getElementById('image-div');
 const originalImage = 'url("background1.jpg")';
 const hoverImage = 'url("background2.jpg")';
```

```
imageDiv.style.backgroundImage = originalImage;
imageDiv.addEventListener('mouseover', () => {
  imageDiv.style.backgroundImage = hoverImage;
});
imageDiv.EventListener('mouseout', () => {
  imageDiv.style.backgroundImage = originalImage;
});
</script>
</body>
</html>

body {
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100 vh;
    margin: 0;
}

.image-container {
    width: 400px;
    height: 300 px;
    position: relative;
    background-size: cover;
    background-position: center;
    border: 2px solid #ccc;
}

.product-image {
    max-width: 100%;
    height: auto;
    position: absolute;
    top: 0;
    left: 0;
}
```

Q5 CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
 <title> Unordered List with Custom marker </title>
<link rel="stylesheet" href="styles.css">
</head>
<body>
<ul class="custom-list">
 <li> First item description </li>
 <li> Second item description </li>
 <li> third item description </li>
</ul>
</body>
</html>
```

```
body{ font-family : sans-serif;
      background-color: #fofofo;
      padding : 20 px;
}
.custom-list{
      list-style-image : url('soa-logo.png');
      list-style-position: outside;
      padding-left : 30 px;
      background-size : 20px 20 px;
      background-repeat : no-repeat;
}
.custom-list li{
      margin-bottom: 10 px;
}
```

Q6 Code

```
<!DOCTYPE html>
<html lang ="en">
<head>
  <title> Styled Table </title>
  <link rel= "stylesheet" href= "styles.css">
</head>
<body>
<h1> Styled Table Example </h1>
<table class= "Styled-table">
 <thead>
    <tr>
    <th> Item </th>
    <th> description </th>
    <th> price </th>
   </tr>
</thead>
<tbody>
<tr>
  <td> Item 1 </td>
  <td> Description 1 </td>
  <td> 10 </td>
  </tr>
  <tr>
  <td> Item 2 </td>
  <td> Description 2 </td>
  <td> 20 </td>
  </tr>
  <tr>
  <td> Item 3 </td>
  <td> description 3 </td>
  <td> 30 </td>
```

```
</tr>
<tr>
<td> Item 4 </td>
<td> Description 4 </td>
<td> 40 </td>
</tr>
<tr>
<td> Item 5 </td>
<td> Description 5 </td>
<td> 50 </td>
</tr>
<tr>
<td> Item 6 </td>
<td> Description 6 </td>
<td> 60 </td>
</tr>
<tr>
<td> Item 7 </td>
<td> Sivvo </td>
<td> 70 </td>
</tr>
<tr>
<td> Item 8 </td>
<td> Description 8 </td>
<td> 80 </td>
</tr>
<tr>
<td> Item 9 </td>
<td> Description 9 </td>
<td> 90 </td>
</tr>
<tr>
<td> Item 10 </td>
```

```
<td> messi </td>
<td> 100 </td>
</tr>
</body>
</table>
</body>
</html>

body {font-family: Arial, Sans-Serif;
      background-color: #f9f9f9;
      Padding: 20px;
}
h1 { text-aling: center;
}
.styled-table{
      width: 50%;
      border-collapse: collapse;
      margin: 20px auto;
}
.Styled-table th, .Styled-table td {
      border: 1px solid #ddd;
      Padding: 12px;
      text-align: left;
}
.Styled-table th{
      background-color: #4CAF50;
      color: white;
}
.styled-table tr: nth-child(1),
.Styled-table tr: nth-child(4),
.Styled-table tr: nth-child(7),
.Styled-table tr: nth-child(10),
.Styled-table tr: nth-child(3n+1){
.Styled-table tr: nth-child(3n+1)
      background-color: #e7f3fe;
}
```

Q7 CODE

```
<!DOCTYPE html>
< html lang="en">
<head>
<title> Fixed vertical menu Bar </title>
<link rel="stylesheet" href="styles.css">
</head>
<body>
<div class="menu">
    <h2> Menu </h2>
    <ul>
      <li><a href="#"> Home </a></li>
      <li><a href="#"> About </a></li>
      <li><a href="#"> Services </a></li>
      <li><a href="#"> contact </a></li>
      <li><a href="#"> Blog </a></li>
      <li><a href="#"> portfolio </a></li>
    </ul>
    </div>
    <div class="content">
    <h1> welcome to my website </h1>
    <p> This is some example content. Scroll down to see fixed menu bar in action</p>
<p> Lorem ipsum dolor sit amet, consectetur adipiscing elit</p>
<p> Aliquam erat volutpat. Vivamus quis nibh eget nisl tincidunt tempor</p>
<p> More content goes here...</p>
<div style="padding-bottom: 1500px;"></div>
    </div>
</body>
</html>
```

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```
body {
    font-family : Arial, Sans-serif;
    margin : 0;
    padding : 0;
}
.menu {
    position: fixed;
    top: 0;
    left: 0;
    width : 200px;
    height : 100%;
    background-color: #333;
    color : white;
    padding : 20px;
    box-shadow 2px 0 5 px rgba(0, 0, 0, 0.3);
}
.menu h2 {
    margin : 0 0 15 px 0;
}
.menu ul {
    list-style-type : none;
    padding : 0;
}
.menu ul li {
    margin : 10 px 0;
}
.menu ul li a {
    color : white;
    text-decoration : none;
}
.menu ul li a : hover {
    text-decoration : underline;
}
.content {
    margin-left : 220 px;
    padding : 20 px;
}
```

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Q8 CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
<title> webpage Examper </title>
<link rel="stylesheet" href="styles.css">
</head>
<body>
<div class="navbar">
  <ul>
<li> <a heref="#">Home</a></li>
<li> <a href="#"> About</a> </li>
<li> <a href="#"> Service</a></li>
<li> <a href="#"> contact</a></li>
</ul>
</div>
<div class="image-container">
<img src="your-image.jpg" alt="Repeating image"
                class="repeating-image">
</div>
<div class="text-content">
<h1> Welcome to our website</h1>
<p> This describes style of the page </p>
<p> Lorem ipsum dolor sit amet.</p>
</div>
<div style="height: 1500px;"></div>
</body>
</html>
```

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```
body{
font-family : Arial, Sans-serif ;
 margin: 0;
 padding : 0;
   background -color: #f4f4f4;
}
.navbar{
 position: sticky;
 top: 0;
 background-color: #333;
 color : white;
 padding : 10px 0;
 z-index : 1000;
}
.navbar ul{
   list -style-type: none;
   padding : 0;
   text-aling: center;
}
.navbar ul li{
  display : inline;
  margin: 0 15px;
}
.navbar ul li a{
   color : white;
   text- decoration : none;
   padding : 5px 10px;
   transition: background - color 0.3 s;
}
.navbar ul li a: hover{
   background- color: #555;
}
```

```
.image container {
    text-align : center;
    margin : 20px 0;
}
.repeating-image {
    width : 100 %;
    height : auto;
    border : 5px solid # 4CAF50;
    outline : 10px dashed # ff5733;
    outline-offset : -5px;
}
.text-content {
    padding : 20px;
    background-color : white;
    border-radius : 8 px;
    marging : 0 20 px;
}
```

Q9 CODE

```
<!DOCTYPE html>
<html lang = "en">
<head>
<title> Styled Dropdown </title>
<link rel="Stylesheet" href= "styles.css">
</head>
<body>
<h1> Hover to See Dropdown</h1>
<div class = "dropdown">
  <button class="dropbtn">Menu</button>
  <div class = "dropdown-content">
  <div style = "color : # FF5733;"> Item 1 </div>
```

```
<div style = "color: #33FF57;">Item 2</div>
<div style = "color: #3357FF;">Item 3</div>
<div style = "color: #F39C12;">Item 4</div>
</div>
</div>
</body>
</html>

body{
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    padding: 20px;
    text-align: center;
}
.dropdown{
    position: relative;
    display: inline-block;
}
.dropbtn{
    background-color: #4CAF50;
    color: white;
    padding: 10px;
    border: none;
    cursor: pointer;
}
.dropdown-content{
    display: none;
    position: absolute;
    background-color: #f9f9f9;
    min-width: 160px;
    box-shadow: 0 8px 16px rgba(0, 0, 0, 0.2);
}
.dropdown:hover .dropdown-content{
    display: block;
}
```

```
• dropdown-content div {
    padding: 12px;
    cursor: pointer;
  }
• dropdown-content div:hover {
    background-color: #ddd;
  }
```

Q10 CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
<title> Registration </title>
<link rel="stylesheet" href="styles.css">
</head>
<body>
<div class="Container">
<img src="soa-logo.png" alt="SOA Logo" class="logo">
<h1> Registration </h1>
<form>
<input type="text" placeholder="username" required>
<input type="email" placeholder="email" required>
<input type="password" placeholder="password" required>
<fieldset>
<legend> Gender : </legend>
<label> <input type="radio" name="gender" value="male">
Male </label>
<label> <input type="radio" name="gender" value="female">Female </label>
</fieldset>
<select required>
<option value="">country </option>
<option value="USA">USA </option>
```

```
<option value="UK"> UK </option>
<option value="Canada"> Canada </ /option>
</ /select>
<button type="submit"> Registration </ /button>
</ /form>
</ /div>
</ /body>
</ /html>

body {
    font-family : Arial, Sans-serif;
    background : # f4 f4 f4;
    text-align : center;
}
.container {
    max-width : 400 px;
    margin : auto;
    Padding : 20 px;
    background : white;
    border-radius : 8 px;
    box-shadow : 0 2px . 10 px rgba (0, 0, 0, 0.1);
}
.logo {
    width : 100 PX;
}
input, select {
    width : 100% ;
    padding : 10 px;
    margin : 10 px 0;
    border : 1 px Solid # ccc;
    border-radius : 4px;
}
```

```
button{
background:#4CAF50;
color: white;
padding : 10 px;
border: none;
border-radius : 4px;
cursor : pointer;
}
button : hover{
background : #45a049;
}
```