

Web Programming

Week 3

Type the Code:

```
index.html X
public > index.html ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <style>
7          /* Custom styles here */
8          .profile-card{
9              box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
10             border-radius: 10px;
11             background-color: #rgb(255, 255, 255);
12             width: 300px;
13             text-align: center;
14             margin: auto;
15         }
16         h2{
17             background-color: #rgb(76, 174, 79);
18             color:#white;
19         }
20         .button{
21             background-color: #rgb(76, 174, 79);
22             color:#white;
23         }
24         .button:hover{
25             background-color: #rgb(69, 170, 63);
26         }
27     </style>
28 </head>
29 <body>
30     <div class="profile-card">
31         <header>
32             <h2>John Doe</h2>
33         </header>
34         <p>Web Developer at XYZ Company. Loves coding and coffee.</p>
35         <button class="button">Contact</button>
36     </div>
37 </body>
38 </html>
39 |
```

Fix the Code:

```
public > index.html > html > body > div.login-form > form > span
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>SkillUp Login</title>
7      <link rel="stylesheet" href="styles.css">
8  </head>
9  <body>
10     <div class="login-form">
11         <h1>Welcome to SkillUp - Learn, Grow, Succeed!</h1>
12         <h2>LOGIN FORM</h2>
13         <form>
14             <username>
15                 Username
16             </username>
17             <input type="text" name="username" id="username">
18             <br>
19             <password>
20                 Password
21             </password>
22             <input type="password" name="password" id="password">
23             <br>
24             <button type="submit" id="submitButton">Submit</button>
25             <span>Error</span>
26         </form>
27     </div>
28     <script> src="script.js" </script>
29 </body>
30 </html>
31
```

```
public > # styles.css > input[type="text"]
1 .login-form {
2     background-color: □rgb(255, 255, 255);
3     border-radius: 5px;
4     margin-top: 50px;
5     padding: 30px;
6 }
7
8 h1{
9     color: ■rgba(255, 0, 0, 0.5);
10    font-size: 100px;
11    text-align: center;
12 }
13
14 input[type="text"], input[type="password"] {
15     width: 250px;
16     height: 50px;
17     font-size: 16px;
18     padding: 20px;
19     margin: 10px 0;
20     border: 1px solid;
21     background-color: transparent;
22 }
23
24 button[type="submit"] {
25     background-color: ■rgb(0,0,255);
26     padding: 15px 30px;
27     font-size: 16px;
28     cursor: non-resizable;
29 }
30
31 input[type="text"]:focus, input[type="password"]:focus {
32     outline: none;
33 }
34
35 label {
36     font-size: 18px;
37
38     > label {
39         font-size: 18px;
40         font-weight: bold;
41         display: block;
42         text-align: left;
43         color: ■red;
44     }
45     > span {
46         display: none;
47     }
48 }
```

Practice at home 1:

```
public > index.html > html > head > style > .contact-form button
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Simple OOP in JavaScript</title>
7      <style>
8          header{
9              color: white;
10             background-color: #rgb(0, 115, 230);
11             text-align: center;
12             padding: 16px;
13         }
14         nav,a{
15             color: #rgb(255, 255, 255);
16             text-transform: uppercase;
17             background-color: #rgb(0, 115, 230);
18             text-align: center;
19         }
20         .container{
21             max-width: 1200px;
22             padding-left: 500px;
23         }
24         h3{
25             padding-left: 120px;
26         }
27         .contact-form{
28             align-items: center;
29         }
30         .contact-form button{
31             background-color: #rgb(0,115,230);
32         }
33         footer{
34             background-color: #rgb(0, 115, 230);
35             color: white;
```

```
32 |         rooter{
33 |             background-color: #rgb(0, 115, 230);
34 |             color: white;
35 |             text-align: center;
36 |         }
37 |
38 |         input{
39 |             padding: 10px;
40 |             width: 340px;
41 |         }
42 |         textarea{
43 |             padding: 15px;
44 |             width: 330px;
45 |         }
46 |     </style>
47 | </head>
48 | <body>
49 |     <!-- write your code here --&gt;
50 |     &lt;header&gt;
51 |         &lt;h1&gt;Contact Us&lt;/h1&gt;
52 |     &lt;/header&gt;
53 |     &lt;nav&gt;
54 |         &lt;ul&gt;
55 |             &lt;a&gt;Home&lt;/a&gt;
56 |             &lt;a&gt;Products&lt;/a&gt;
57 |             &lt;a&gt;About&lt;/a&gt;
58 |             &lt;a&gt;Contact&lt;/a&gt;
59 |         &lt;/ul&gt;
60 |     &lt;/nav&gt;
61 |     &lt;div class="container"&gt;
62 |         &lt;h3&gt;Get in Touch&lt;/h3&gt;
63 |         &lt;p&gt;Feel free to reach out to us for any inquiries or feedback.&lt;/p&gt;
64 |         &lt;form class="contact-form"&gt;
65 |             &lt;input type="text" placeholder="Your Name"&gt;&lt;br&gt;&lt;br&gt;
66 |             &lt;input type="text" placeholder="Your Email"&gt;&lt;br&gt;&lt;br&gt;
67 |             &lt;textarea type="text" placeholder="Your Message"&gt;&lt;/textarea&gt;&lt;br&gt;&lt;br&gt;
68 |
69 |         &lt;/form&gt;
70 |
71 |     &lt;/div&gt;
72 |     &lt;footer&gt;
73 |         &lt;p&gt;&amp;copy; 2024 Online Store. All Rights Reserved.&lt;/p&gt;
74 |     &lt;/footer&gt;
75 | &lt;/body&gt;
76 | &lt;/html&gt;
77 |</pre>
```

Practice at home 2:

```
public > index.html > html > head > style > .section-title h2
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Simple OOP in JavaScript</title>
7      <style>
8          h1{
9              color: white;
10             background-color: crimson;
11             text-align: center;
12             padding: 10px;
13             margin: 0;
14         }
15         nav{
16             background-color: darkred;
17             text-align: center;
18             padding: 10px;
19         }
20         nav,a{
21             color: white;
22             margin: 0;
23             font-weight: bold;
24         }
25         .container{
26             width: 80%;
27             margin: 20px auto;
28         }
29         .section-title h2{
30             color: crimson;
31             margin-top: 30px;
32             border-bottom: 2px solid #ddd;
33             padding-bottom: 5px;
34             text-align: center;
35         }
36         .item{
```

public > index.html > html > head > style > section-title h2

```
36     .item{
37         background-color: #f9f9f9;
38         padding: 15px;
39         margin: 10px 0;
40         border: 1px solid #eee;
41         border-radius: 5px;
42     }
43     .item h3{
44         margin: 0;
45         font-size: 18px;
46     }
47     .item p{
48         margin: 5px 0;
49         color: #555;
50     }
51     .price{
52         color: crimson;
53         font-size: 16px;
54         font-weight: bold;
55     }
56     footer{
57         background-color: crimson;
58         color: white;
59         text-align: center;
60         padding: 10px;
61     }
62     </style>
63 </head>
64 <body>
65     <!-- write your code here -->
66     <header>
67         <h1>Delicious Restaurant</h1>
68     </header>
69     <nav>
70         <a>Home</a>
71         <a>Menu</a>
```

```
public > index.html > html > head > style .section-title h2
70      <a>Home</a>
71      <a>Menu</a>
72      <a>About</a>
73      <a>Contact</a>
74  </nav>
75  <div class="container">
76    <div class="section-title">
77      <h2>Starters</h2>
78    </div>
79    <div class="item">
80      <h3>Garlic Bread</h3>
81      <p>Crispy Bread wtih garlic and herbs</p>
82      <div class="price">$5.99</div>
83    </div>
84    <div class="item">
85      <h3>Tomato Soup</h3>
86      <p>Fresh Tomato Soup with basil.</p>
87      <div class="price">$4.99</div>
88    </div>
89
90    <div class="section-title">
91      <h2>Main Course</h2>
92    </div>
93    <div class="item">
94      <h3>Grilled Chicken</h3>
95      <p>Served with vegetables and fries.</p>
96      <div class="price">$12.99</div>
97    </div>
98    <div class="item">
99      <h3>Veggie Pasta</h3>
100     <p>Pasta with fresh vegetables and herbs.</p>
101     <div class="price">$10.99</div>
102   </div>
103
```

```
103
104     <div class="section-title">
105         <h2>Desserts</h2>
106     </div>
107     <div class="item">
108         <h3>Chocolate Cake</h3>
109         <p>Rich and moist chocolate cake.</p>
110         <div class="price">$6.99</div>
111     </div>
112     <div class="item">
113         <h3>Ice Cream</h3>
114         <p>Choice of vanilla, chocolate, or strawberry.</p>
115         <div class="price">$3.99</div>
116     </div>
117 </div>
118 <footer>
119     <p>&copy; 2024 Delicious Restaurant. All rights reserved</p>
120 </footer>
121 </body>
122 </html>
123
```

Challenge Yourself:

```
public > index.html ...  
1  <!DOCTYPE html>  
2  <html lang="en">  
3  <head>  
4      <meta charset="UTF-8">  
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">  
6      <link rel="stylesheet" href="style.css">  
7  </head>  
8  <body>  
9      <!-- Write your HTML here -->  
10     <nav class="navbar">  
11         <a>Introduction</a>  
12         <a>CSS Syntax</a>  
13         <a>CSS Properties</a>  
14     </nav>  
15     <main>  
16         <section class="card">  
17             <h2 class="heading">Introduction to CSS</h2>  
18             <p>CSS stands for <span style="color: #gold;">Cascading Style Sheets.</span> It is used to style and layout web page. CSS allows you to apply styles to web pages. More importantly,  
19                 CSS enables you to do this independently of the HTML that makes up each web page.</p>  
20             <h3 class="subheading">CSS Syntax</h3>  
21             <p>The syntax of CSS consists of a selector and a declaration block:</p>  
22             <div class="code-block">  
23                 selector{  
24                     property: value;  
25                 }  
26             </div>  
27             <h3 class="subheading">CSS Properties</h3>  
28             <p>There are numerous CSS properties that can be used to style elements. For example, the <span style="color:#crimson">color</span> property defines the text color,  
29                 and the <span style="color:#crimson">font-size</span> properly defines the size of the text.</p>  
30         </section>  
31         <footer class="footer">  
32             <p>&copy;2024 CSS Introduction Project</p>  
33         </footer>  
34     </main>  
35 </body>  
36 </html>
```

```
public > # style.css >  .code-block
1  body{
2      background-color: ■rgb(52, 73, 94);
3  }
4  .navbar{
5      background-color: ■rgb(44,62,80);
6      color: □white;
7      text-align: center;
8      padding: 10px;
9      margin: 0;
10 }
11 .card{
12     background-color: □rgb(255,255,255);
13     width: 55%;
14     margin: auto;
15     padding: 5px 10px;
16     border-radius: 5px;
17 }
18 .code-block{
19     background-color: □#f9f9f9;
20     border-left: 2px solid □#ddd;
21 }
22 .footer{
23     background-color: ■rgb(44,62,80);
24     color: □white;
25     text-align: center;
26     padding: 10px;
27 }
28
29 .heading{
30     color: ■rgb(192,57,43);
31 }
32 .subheading{
33     color: ■rgb(41,128,185);
34 }
```