

Assignment-13

1. Build a simple website containing Home, About and Contact pages.

a. Add text elements and images in the web pages.

b. Create a form for Contact. Create input fields, radio buttons, check boxes and buttons in the form.

c. Add validation to the fields in the form.

CODE:

Home.html:

```
... Welcome home.html X about.html contact.html # style.css file.html
home.html > html > body > h1
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>Home</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10   <h1>Welcome to our website</h1>
11   <header>
12     <nav>
13       <a href="home.html">Home</a>
14       <a href="about.html">About</a>
15       <a href="contact.html">Contact</a>
16     </nav>
17   </header>
18   <main>
19     
20     <p>This is the home page of our website. Stay tuned for more updates.</p>
21   </main>
22 </body>
23 </html>
24
25
```

About.html:

```
Welcome home.html about.html X contact.html # style.css file.html
about.html > html > body > main > img
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>About</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10   <h1>Welcome to our website</h1>
11   <header>
12     <nav>
13       <a href="home.html">Home</a>
14       <a href="about.html">About</a>
15       <a href="contact.html">Contact</a>
16     </nav>
17   </header>
18   <main>
19     <h1>About Us</h1>
20     
21     <p>We are a company dedicated to providing excellent services.</p>
22   </main>
23 </body>
24 </html>
25
26
27
```

Contact.html:

```
Welcome | home.html | about.html | contact.html X | # style.css | file.html
contact.html > html > body > main > img
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>Contact</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <script>
10   function validateForm(){
11     var name=document.myform.name.value;
12     var email=document.myform.email.value;
13     var gender=document.myform.gender.value;
14     if (name==null || name==""){
15       alert("Name can't be blank");
16       return false;
17     }
18     else if(email==null||email==""){
19       alert("Email id is necessary");
20       return false;
21     }
22     else if(gender==false){
23       alert("specifying your gender is mandatory")
24       return false;
25     }
26   }
27 </script>
28
29
30
```

```
30 <body>
31   <h1>Welcome to our website</h1>
32   <header>
33
34     <nav>
35       <a href="home.html">Home</a>
36       <a href="about.html">About</a>
37       <a href="contact.html">Contact</a>
38     </nav>
39   </header>
40   <main>
41     <h1>Contact Us</h1>
42     
43     <form name="myform" action="file.html" onsubmit="return validateForm()" method="POST">
44       <label for="name">Name:</label>
45       <input type="text" id="name" name="name" placeholder="enter your name">
46
47       <label for="email">Email:</label>
48       <input type="email" id="email" name="email" placeholder="enter your Email">
49
50       <label>Gender:</label>
51       <input type="radio" id="male" name="gender" value="male">
52       <label for="male">Male</label>
53       <input type="radio" id="female" name="gender" value="female">
54       <label for="female">Female</label>
55
56       <label for="subscribe">Subscribe to our newsletter:</label>
57       <input type="checkbox" id="subscribe" name="subscribe" value="yes">
58
59       <button type="submit">Submit</button>
60     </form>
61   </main>
62 </body>
63 </html>
64
```

Style.css:

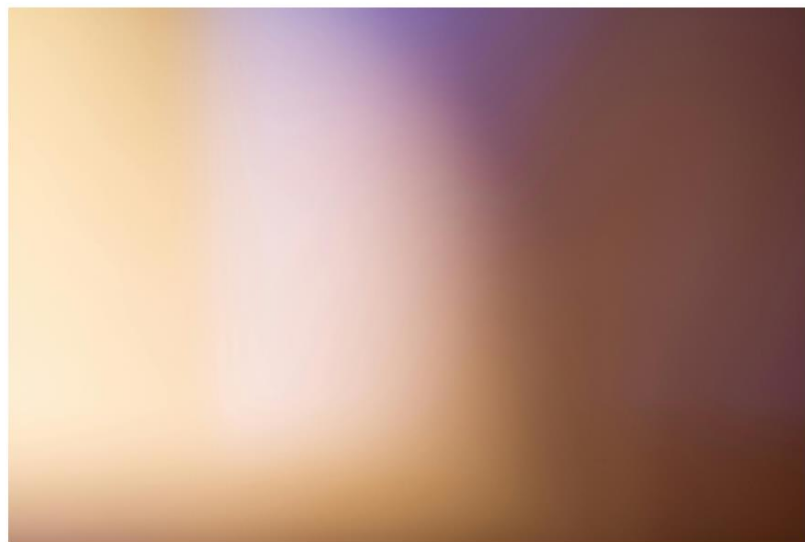
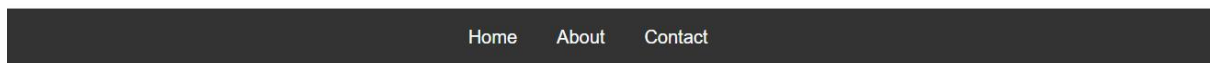
```
... Welcome home.html about.html contact.html # style.css x file.html
# style.css > ...
1  body {
2      font-family: Arial, sans-serif;
3      margin: 0;
4      padding: 0;
5  }
6  h1 {
7      text-align: center;
8  }
9
10 header {
11     background-color: #333;
12     padding: 1em 0;
13     text-align: center;
14 }
15
16 header nav a {
17     color: #fff;
18     margin: 0 15px;
19     text-decoration: none;
20 }
21
22 header nav a:hover {
23     text-decoration: underline;
24 }
25
26 main {
27     padding: 20px;
28     text-align: center;
29 }
30
31 main img {
32     width: 100%;
33     max-width: 700px;
34     height: auto;
35     margin-bottom: 30px;
36 }
37
38 form {
39     display: flex;
40     flex-direction: column;
41     align-items: center;
42 }
43
44 form label, form input, form button {
45     margin-bottom: 10px;
46 }
47
48 form input[type="text"], form input[type="email"] {
49     padding: 8px;
50     width: 300px;
51 }
52
53 form button {
54     padding: 10px 20px;
55     background-color: #333;
56     color: #fff;
57     border: none;
58     cursor: pointer;
59 }
60
61 form button:hover {
62     background-color: #555;
63 }
64
```

File.html:

```
Welcome | home.html | about.html | contact.html | # style.css | file.html |
file.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    <title>Home</title>
7    <link rel="stylesheet" href="style.css">
8  </head>
9  <body>
10   <p>response submmitted successfully</p>
11 </body>
12 </html>
13 |
```

Outputs:

Welcome to our website



This is the home page of our website. Stay tuned for more updates.

Welcome to our website

[Home](#) [About](#) [Contact](#)

About Us



Welcome to our website

[Home](#) [About](#) [Contact](#)

Contact Us





Name:

enter your name

Email:

enter your Email

Gender:

☐

Male

☐

Female

Subscribe to our newsletter:

☐

Submit



Name:

Sai Roopa Pundolla

Email:

pundollasairoop6@gmail.com

Gender:

☐

Male

☒

Female

Subscribe to our newsletter:

☒

Submit

response submmitted successfully