

Assignment-14

Build a Home page containing header, footer and contents using HTML.

Create a navigation bar and add links to different pages.

a. Add different sections in the web page. Add text elements and images.

b. Create external CSS and style the elements in the web page.

c. Set margin, border and padding for the elements. Align the elements in the web page.

d. Use float property to float elements to left or right side.

CODE:

Index.html:

```
index.html > html > body > section#services
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 Page</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10   <header>
11     <h1>Welcome to My Website</h1>
12     <nav>
13       <ul>
14         <li><a href="index.html">Home</a></li>
15         <li><a href="about.html">About</a></li>
16         <li><a href="services.html">Services</a></li>
17         <li><a href="contact.html">Contact</a></li>
18       </ul>
19     </nav>
20   </header>
21
22   <section id="main-content">
23     <h2>About Us</h2>
24     <p>Welcome to our website. We provide various services to meet your needs.</p>
25     
26   </section>
27
28   <section id="services">
29
30   |
31
```

```

32
33
34
35     <h2>Our Services</h2>
36     <ul>
37         <li>Service 1</li>
38         <li>Service 2</li>
39         <li>Service 3</li>
40     </ul>
41 </section>
42
43 <footer>
44     <p>&copy; 2024 My Website. All rights reserved.</p>
45 </footer>
46 </body>
47 </html>
48

```

About.html:

```

Welcome  index.html  # style.css  contact.html  about.html X
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>Home Page</title>
7      <link rel="stylesheet" href="style.css">
8  </head>
9  <body>
10     <header>
11         <h1>Welcome to My Website</h1>
12         <nav>
13             <ul>
14                 <li><a href="index2.html">Home</a></li>
15                 <li><a href="about2.html">About</a></li>
16                 <li><a href="contact2.html">Contact</a></li>
17             </ul>
18         </nav>
19     </header>
20
21     <main>
22
23         <h2>Introduction</h2>
24         <p>This is a simple introduction to my website. Here, you can find various resources and information.</p>
25         
26
27         <h2>About Us</h2>
28         <p>Learn more about our mission and values.</p>
29         Our Services</h2>
35     <p>Discover the services we offer to our clients.</p>
36     
37
38 </main>
39
40 <footer>
41     <p>&copy; 2024 My Website. All rights reserved.</p>
42 </footer>
43 </body>
44 </html>
45

```

Contact.html:

```

Welcome  index.html  # style.css  contact.html  about.html
contact.html > html > body
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
31

```

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

Body.css:

```
Welcome | index.html | # style.css | contact.html | about.html
# style.css > body
1 body, h1, h2, p, ul, li {
2   margin: 0;
3   padding: 0;
4 }
5
6 body {
7   font-family: Arial, sans-serif;
8   line-height: 1.6;
9   margin: 0;
10  padding: 0;
11 }
12
13 header {
14   background-color: #333;
15   color: #fff;
16   padding: 10px 0;
17   text-align: center;
18 }
19
20 header h1 {
21   margin-bottom: 10px;
22 }
23
24 nav ul {
25   list-style: none;
26   padding: 0;
27 }
28
29 nav ul li {
30   display: inline;
31   margin: 0 10px;
32 }
33
34 nav ul li a {
35   color: #fff;
36   text-decoration: none;
37 }
```

```
... Welcome index.html # style.css contact.html about.html
# style.css > body
38
39 nav ul li a:hover {
40     text-decoration: underline;
41 }
42
43 main {
44     padding: 20px;
45 }
46
47 section {
48     margin-bottom: 20px;
49     border: 1px solid #ddd;
50     padding: 10px;
51 }
52
53 section img {
54     max-width: 100%;
55     height: auto;
56     display: block;
57     margin-top: 10px;
58 }
59
60 footer {
61     background-color: #333;
62     color: #fff;
63     text-align: center;
64     padding: 10px 0;
65     position: fixed;
66     width: 100%;
67     bottom: 0;
68 }
69
70 /* Floating images */
71 section img {
72     float: right;
73     margin: 0 10px 10px;
74 }
```

Outputs:



About Us

Learn more about our mission and values.



Our Services

Discover the services we offer to our clients.

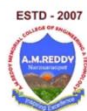


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Welcome to our website

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

Contact Us



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AMRN



Petlurivaripalem (Post), Narasaraopet, Palnadu (Dist), Andhra Pradesh, PIN: 522601. Mobile: 99598 38989, Email: principal.amreddyengineering@gmail.com

Name: Email: Gender: ☐ Male ☐ Female Subscribe to our newsletter: ☐

