

Lab 3: Design and development of web pages using HTML and integrate them using hyperlinks.

Source Code:

```
<> index.html X # styles.css JS script.js
Lab 3 > <> index.html > ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>Contact Us</title>
5    <link rel="stylesheet" type="text/css" href="styles.css">
6    <script src="script.js"></script>
7  </head>
8  <body>
9    <h1>Contact Us</h1>
10   <form onsubmit="return validateForm()" method="post">
11     <label for="name">Name:</label>
12     <input type="text" id="name" name="name" placeholder="Enter your name"><br>
13
14     <label for="email">Email:</label>
15     <input type="email" id="email" name="email" placeholder="Enter your email"><br>
16
17     <label for="message">Message:</label>
18     <textarea id="message" name="message" placeholder="Enter your message"></textarea><br>
19
20     <input type="submit" value="Submit">
21   </form>
22 </body>
23 </html>
```

```
<> index.html # styles.css X JS script.js
Lab 3 > # styles.css > input[type="text"]
1  input[type="text"], input[type="email"], textarea {
2    width: 100%;
3    padding: 12px;
4    border: 1px solid #ccc;
5    border-radius: 4px;
6    box-sizing: border-box;
7    margin-top: 6px;
8    margin-bottom: 16px;
9  }
10
11  input[type="submit"] {
12    background-color: #4CAF50;
13    color: white;
14    padding: 12px 20px;
15    border: none;
16    border-radius: 4px;
17    cursor: pointer;
18  }
19
20  input[type="submit"]:hover {
21    background-color: #45a049;
22  }
23
24  label {
25    font-weight: bold;
26  }
27
28  .error {
29    color: red;
30  }
```

```
<> index.html # styles.css JS script.js X
Lab 3 > JS script.js > validateForm
1 function validateForm() {
2     var name = document.getElementById("name").value;
3     var email = document.getElementById("email").value;
4     var message = document.getElementById("message").value;
5     var error = "";
6
7     if (name == "") {
8         error += "Name is required.\n";
9     }
10
11     if (email == "") {
12         error += "Email is required.\n";
13     } else {
14         var pattern = /^[^\\s@]+@[^\\s@]+\\.([^\\s@]+)$/;
15         if (!pattern.test(email)) {
16             error += "Email is not valid.\n";
17         }
18     }
19
20     if (message == "") {
21         error += "Message is required.\n";
22     }
23
24     if (error != "") {
25         alert(error);
26         return false;
27     }
28 }
```

Output:

Contact Us

Name: Akash Kumar Singh

Email: akashqp@gmail.com

Message: a1ksdh akilsfh aklsidf

Submit