

ASS3 > <> index.html > ...

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>Form with JavaScript Functions</title>
5    <style>
6      .error {
7        color: red;
8      }
9      .padit {
10       padding: 10px;
11     }
12   </style>
13
14 </head>
15 <body>
16   <div style="display:flex; background-color: aqua; justify-content: center; max-width:750px ;
17   max-height:750px; margin-left: auto; margin-right: auto; margin-top: 100px; margin-bottom: auto;">
18     <form id="myForm">
19       <div class="padit">
20         <label for="name">Name:</label>
21         <input type="text" id="name" name="name" required>
22         <span id="nameError" class="error"></span>
23       </div>
24       <div class="padit">
25         <label for="email">Email:</label>
26         <input type="email" id="email" name="email" required>
27         <span id="emailError" class="error"></span>
28       </div>
29       <div class="padit">
30         <label for="message">Message:</label>
31         <textarea id="message" name="message" rows="4" cols="17" required></textarea>
32         <span id="messageError" class="error"></span>
33       </div>
34       <div class="padit">
35         <button type="submit">Submit</button>
36       </div>
37     </form>
38   </div>
39
40   <!-- run validation on #id "myForm" -->
41   <script src="index.js"></script>
42 </body>
43 </html>
```

ASS3 > JS index.js > ...

```
1 document.getElementById('myForm').addEventListener('submit', function(event)
2 {
3
4     const name = document.getElementById('name').value.trim();
5     const email = document.getElementById('email').value.trim();
6     const message = document.getElementById('message').value.trim();
7
8     const nameError = document.getElementById('nameError');
9     const emailError = document.getElementById('emailError');
10    const messageError = document.getElementById('messageError');
11
12    let isValid = true;
13
14    function isValidEmail(email) {
15        const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+\.[^\s@]+$/;
16        return emailRegex.test(email);
17    }
18
19    if (name === '') {
20        nameError.textContent = 'Name is required';
21        isValid = false;
22    } else {
23        nameError.textContent = '';
24    }
25
26    if (email === '') {
27        emailError.textContent = 'Email is required';
28        isValid = false;
29    } else if (!isValidEmail(email)) {
30        emailError.textContent = 'Invalid email address';
31        isValid = false;
32    } else {
33        messageError.textContent = '';
34    }
35
36    if (message === '') {
37        messageError.textContent = 'Message is required';
38        isValid = false;
39    } else {
40        messageError.textContent = '';
41    }
42
43    const confirmed = confirm('Are you sure you want to submit the form?');
44    if (confirmed) {
45        alert('Form submitted successfully!');
46    }
47    if (!isValid) {
48        event.preventDefault();
49        return;
50    }
51 });
52
```

Name:

Email:

Message:

Name:

Email:

Message:

**file://**

Are you sure you want to submit the form?

Name:

Email:

Message:

**file://**

Form submitted successfully!

☐ Don't allow this site to prompt you again