

# UID EX 10

## VALIDATE DATA FROM THE GIVEN INPUT FORMS

### HTML CODE

```
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>Form Validation</title>
7 <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10 <div class="container">
11 <form id="myForm">
12 <label for="email">Email:</label>
13 <input type="email" id="email" name="email" required>
14 <span id="emailError" class="error"></span>
15 <label for="phone">Phone Number:</label>
16 <input type="text" id="phone" name="phone" required>
17 <span id="phoneError" class="error"></span>
18 <button type="submit">Submit</button>
19 </form>
20 </div>
21 <script
22 src="https://cdnjs.cloudflare.com/ajax/libs/validator/
  13.6.0/validator.min.js"></script>
23 <script src="script.js"></script>
24 </body>
```

# CSS CODE

```
* CSS
1 ▾ /* style.css */
2 ▾ body {
3   font-family: Arial, sans-serif;
4   background-color: #f4f4f4;
5   display: flex;
6   justify-content: center;
7   align-items: center;
8   height: 100vh;
9   margin: 0;
10  }
11 ▾ .container {
12   background-color: white;
13   padding: 20px;
14   border-radius: 5px;
15   box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
16  }
17 ▾ form {
18   display: flex;
19   flex-direction: column;
20  }
21 ▾ label {
22   margin-bottom: 5px;
23  }
24 ▾ input {
25   margin-bottom: 10px;
26   padding: 10px;
```

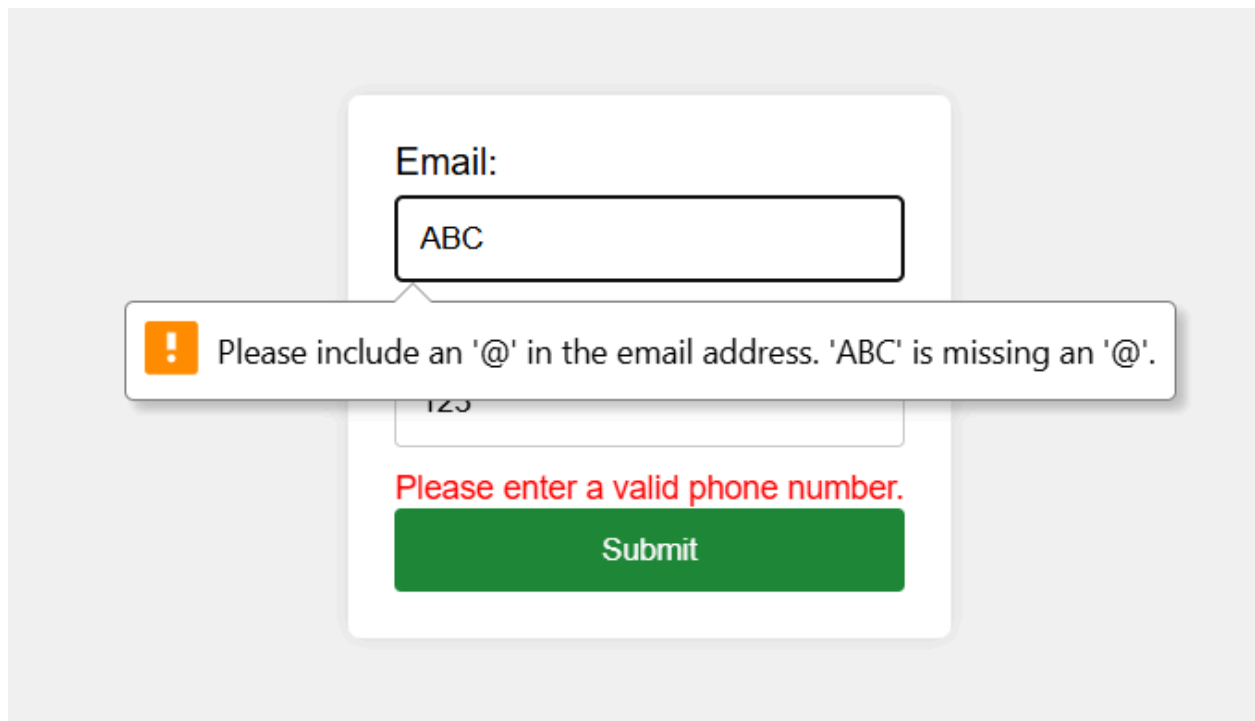
# JAVASCRIPT CODE

```
JS
1 ▾ /* script.js */
2 ▾ document.getElementById('myForm').addEventListener('submit', function (e) {
3   e.preventDefault();
4   let email = document.getElementById('email').value;
5   let phone = document.getElementById('phone').value;
6   let emailError =
    document.getElementById('emailError');
7   let phoneError =
    document.getElementById('phoneError');
8   // Clear previous error messages
9   emailError.textContent = '';
10  phoneError.textContent = '';
11  // Validate email
12 ▾ if (!validator.isEmail(email)) {
13   emailError.textContent = 'Please enter a valid email
    address.';
14  }
15  // Validate phone number
16 ▾ if (!validator.isMobilePhone(phone, 'any')) {
17   phoneError.textContent = 'Please enter a valid phone
    number.';
18  }
19  // If no errors, submit the form (for demonstration
    purposes, we'll just log the values)
20 ▾ if (validator.isEmail(email) &&
```

# OUTPUT

## Testing for error messages

### 1. Testing mail id format

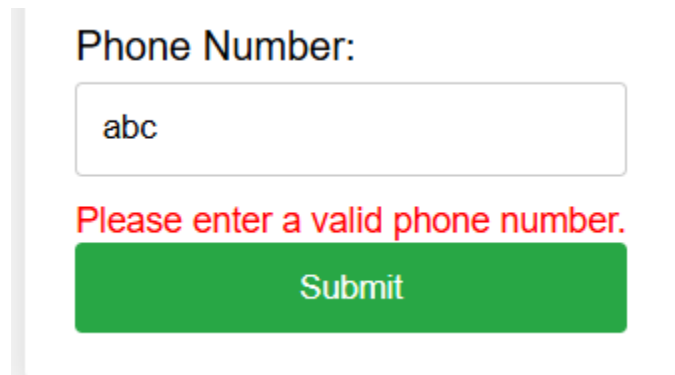


The screenshot shows a web form with a light gray background. At the top, there is a label "Email:" above a text input field containing the text "ABC". Below the input field, a white error message box with a thin gray border is displayed. It features an orange square icon with a white exclamation mark on the left, followed by the text "Please include an '@' in the email address. 'ABC' is missing an '@'." Below the error message, there is a partially visible text input field containing "123". Underneath this field, the text "Please enter a valid phone number." is written in red. At the bottom of the form is a green rectangular button with the word "Submit" in white text.

When we enter an invalid format the system sends an error message.

Here we haven't put @ symbol, hence the above error is being shown.

## 2. Checking phone no format



Phone Number:

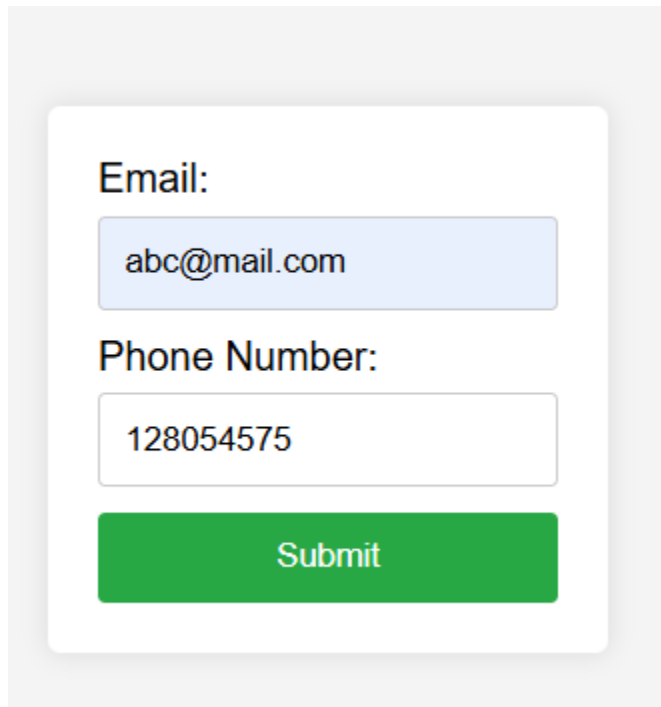
Please enter a valid phone number.

Submit

Here the Phone no format entered is invalid

We have entered “abc” hence it is showing the error “Please enter a valid phone number.”

### 3. Checking by entering correct format



The image shows a form with two input fields and a submit button. The first field is labeled 'Email:' and contains the text 'abc@mail.com'. The second field is labeled 'Phone Number:' and contains the text '128054575'. Below these fields is a green button labeled 'Submit'.

Email:

abc@mail.com

Phone Number:

128054575

Submit

After entering all the details in the correct format the form is filled and accepted.