# EXERCISE 9

## HTML

```html
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Form Validation</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="container">

<form id="myForm">

<label for="email">Email:</label>

<input type="email" id="email" name="email" required>

<span id="emailError" class="error"></span>

<label for="phone">Phone Number:</label>

<input type="text" id="phone" name="phone" required>

<span id="phoneError" class="error"></span>

<button type="submit">Submit</button>
```

```html
</form>

</div>

<script
src="https://cdnjs.cloudflare.com/ajax/libs/validator/13.6.0/validator
.min.js"></script>

<script src="script.js"></script>

</body>

</html>
```

## Step 2: Styling the Form with CSS

Next, add some basic styling to make the form look nice.

css

```css
/* style.css */
body {
font-family: Arial, sans-serif;
background-color: #f4f4f4;
display: flex;
justify-content: center;
align-items: center;
height: 100vh;
```

```css
  margin: 0;

}

.container {

background-color: white;

padding: 20px;

border-radius: 5px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

form {

display: flex;

flex-direction: column;

}

label {

margin-bottom: 5px;

}

input {

margin-bottom: 10px;

padding: 10px;

border: 1px solid #ccc;

border-radius: 3px;

}

button {

padding: 10px;
```

```css
background-color: #28a745;

color: white;

border: none;

border-radius: 3px;

cursor: pointer;

}

button:hover {

background-color: #218838;

}

.error {

color: red;

font-size: 0.875em;

}
```

## Step 3: Adding JavaScript for Validation

Finally, add JavaScript to validate the input fields using Validator.js and display error

messages.

javascript

```javascript
/* script.js */

document.getElementById('myForm').addEventListener('submit', function (e) {

e.preventDefault();
```

```javascript
let email = document.getElementById('email').value;

let phone = document.getElementById('phone').value;

let emailError = document.getElementById('emailError');

let phoneError = document.getElementById('phoneError');

// Clear previous error messages

emailError.textContent = '';

phoneError.textContent = '';

// Validate email

if (!validator.isEmail(email)) {

emailError.textContent = 'Please enter a valid email address.';

}

// Validate phone number

if (!validator.isMobilePhone(phone, 'any')) {

phoneError.textContent = 'Please enter a valid phone number.';

}

// If no errors, submit the form (for demonstration purposes, we'll
just log the values)

if (validator.isEmail(email) && validator.isMobilePhone(phone, 'any'))
{

console.log('Email:', email);

console.log('Phone:', phone);

}
```

```
});
```

html

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 Submit