



EXPERIMENT-9

To design input forms that validate data, such as email and phone number, and display error messages using HTML/CSS and JavaScript with Validator.js.



HTML CODE:

```
<!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>

    </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>
```

CSS CODE:

```
body {  
  
  font-family: Arial, sans-serif;  
  
  background-color: #0a0a1e;  
  
  display: flex;  
  
  justify-content: center;  
  
  align-items: center;  
  
  height: 100vh;  
  
  margin: 0;  
}  
  
.container {  
  
  background-color: #ffffff;  
  
  padding: 20px;  
  
  border-radius: 8px;  
  
  box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.2);  
}  
  
form {  
  
  display: flex;  
  
  flex-direction: column;  
}  
  
label {  
  
  margin-bottom: 5px;
```

```
    color: #0a0a1e;
}
```

```
input {
    margin-bottom: 10px;
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 5px;
}
```

```
button {
    padding: 10px;
    background-color: #5c5cff;
    border: none;
    color: white;
    border-radius: 5px;
    cursor: pointer;
}
```

```
button:hover {
    background-color: #4a4ae0;
}
```

```
.error {
    color: red;
    font-size: 0.9em;}
```

JAVASCRIPT CODE:

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

```
    e.preventDefault();
```

```
    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.';
```

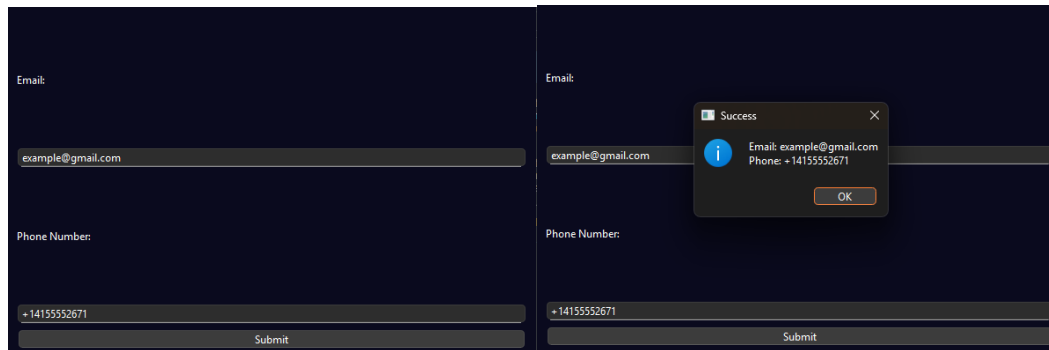
```
    }
```

```
    // If no errors, show a success alert
```

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

```
    alert('Email: ' + email + '\\nPhone: ' + phone);  
  }  
});
```

UI SCREENSHOTS:



INVALID INPUT:

