

```
<!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="styles.css">

</head>

<body onload="showPopup()">


  <h2>Registration Form</h2>

  <form id="registrationForm" onsubmit="return validateForm()">

    <label for="name">Name:</label>

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


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

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


    <label for="password">Password:</label>

    <input type="password" id="password" name="password" required><br>


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

    <input type="tel" id="phone" name="phone" required><br>


    <label for="address">Address:</label>
```

```
<textarea id="address" name="address" required></textarea><br>
```

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

```
</form>
```

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

```
</body>
```

```
</html>
```

Css Part :

```
body {  
    font-family: Arial, sans-serif;  
    margin: 20px;  
}
```

```
h2 {  
    color: #333;  
}
```

```
form {  
    width: 300px;  
    padding: 20px;  
    border: 1px solid #ccc;  
    border-radius: 5px;
```

```
}
```

```
label {  
    display: block;  
    margin-top: 10px;  
}
```

```
input, textarea {  
    width: 100%;  
    padding: 5px;  
    margin-top: 5px;  
    border: 1px solid #ccc;  
    border-radius: 3px;  
}
```

```
button {  
    margin-top: 10px;  
    padding: 10px;  
    background-color: #28a745;  
    color: white;  
    border: none;  
    border-radius: 3px;  
    cursor: pointer;  
}
```

```
button:hover {
```

```
background-color: #218838;
}
```

Js part :

```
function showPopup() {
    alert("Welcome to the Form Validation Page!");
}
```

```
function validateForm() {
    let name = document.getElementById("name").value;
    let email = document.getElementById("email").value;
    let password = document.getElementById("password").value;
    let phone = document.getElementById("phone").value;
    let address = document.getElementById("address").value;

    if (name === "" || email === "" || password === "" || phone === "" || address === "") {
        alert("All fields must be filled out!");
        return false;
    }
}
```

```
let emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
if (!emailPattern.test(email)) {
    alert("Invalid email format!");
    return false;
}
```

```
}
```

```
let phonePattern = /^[0-9]{10,}$/;
```

```
if (!phonePattern.test(phone)) {
```

```
    alert("Phone number must be at least 10 digits!");
```

```
    return false;
```

```
}
```

```
if (password.length < 6) {
```

```
    alert("Password must be at least 6 characters!");
```

```
    return false;
```

```
}
```

```
alert("Form submitted successfully!");
```

```
return true;
```

```
}
```