

### **Practical 7A:**

### **Using Javascript , Demonstrate validating text input fields, Drop-Down lists and checkboxes**

```
<!DOCTYPE html>
<html>
<head>
  <title>Simple Form Validation</title>
  <style>
    .error {
color: red;
      font-size: 0.9em;
    }
  </style>
</head>
<body>

  <h2>Simple Form Validation</h2>

  <form id="simpleForm">
<!-- Text Input Field -->
    Name: <input type="text" id="name">
    <span id="nameError" class="error"></span>
    <br><br>

    <!-- Drop-down List -->
Country:
    <select id="country">
      <option value="">Select</option>
      <option value="India">India</option>
      <option value="USA">USA</option>
    </select>
    <span id="countryError" class="error"></span>
    <br><br>

    <!-- Checkbox -->
    <input type="checkbox" id="terms"> I agree to the Terms
    <span id="termsError" class="error"></span>
    <br><br>

    <!-- Submit Button -->
```

```

        <button type="button" id="submitBtn">Submit</button>
    </form>

<script>
    document.getElementById('submitBtn').onclick = function () {
        // Clear previous errors
        document.getElementById('nameError').textContent = "";
        document.getElementById('countryError').textContent = "";
        document.getElementById('termsError').textContent = "";

        let valid = true;

        // Validate Name
        if (document.getElementById('name').value.trim() === "") {
            document.getElementById('nameError').textContent = "Name is required.";
            valid = false;
        }

        // Validate Country
        if (document.getElementById('country').value === "") {
            document.getElementById('countryError').textContent = "Please select a
country.";
            valid = false;
        }

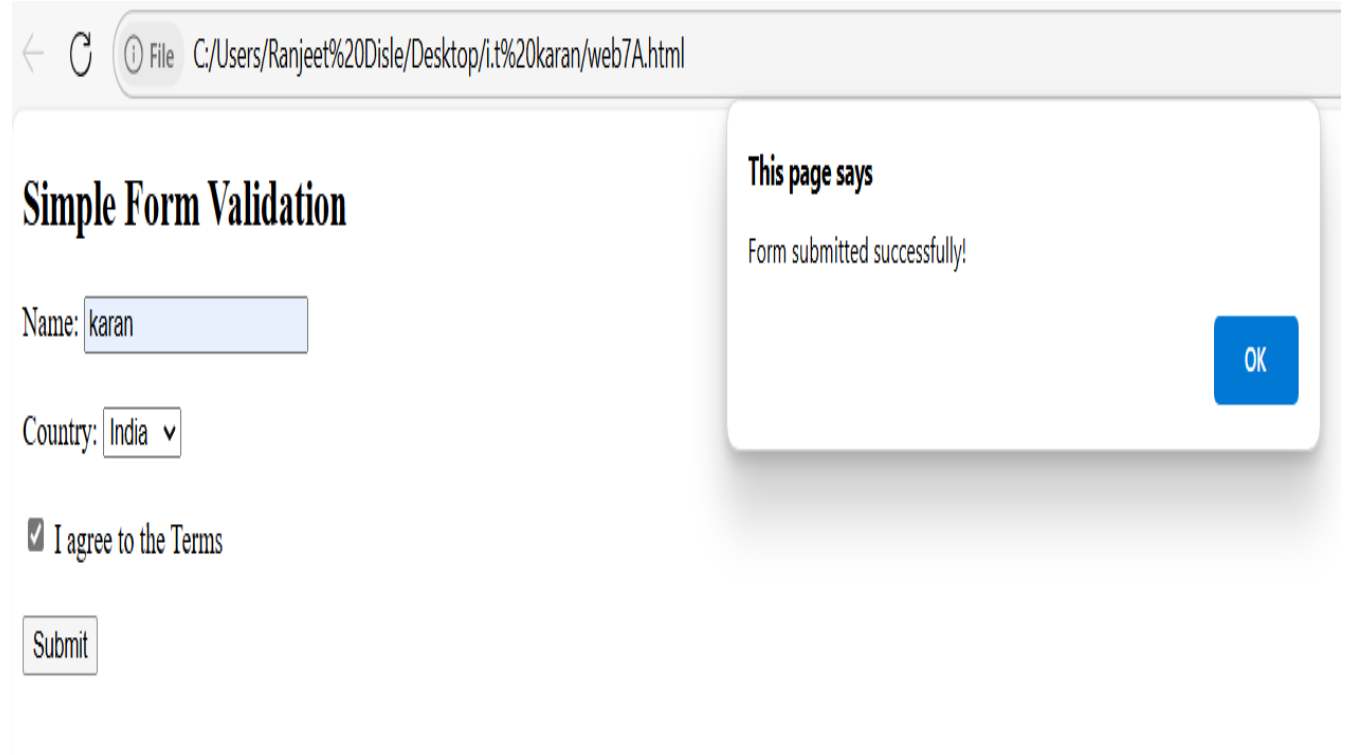
        // Validate Terms Checkbox
        if (!document.getElementById('terms').checked) {
            document.getElementById('termsError').textContent = "You must agree to the
terms.";
            valid = false;
        }

        // If valid, show success message
        if (valid) {
            alert('Form submitted successfully!');
        }
    };
</script>

</body>
</html>

```

## **OUTPUT:**



The screenshot shows a web browser window with the address bar displaying the file path: C:/Users/Ranjeet%20Disle/Desktop/i.t%20karan/web7A.html. The page content includes a form titled "Simple Form Validation" with the following elements:

- Name:
- Country:
- ☒ I agree to the Terms
- 

A modal dialog box is displayed on the right side of the page, containing the following text:

**This page says**  
Form submitted successfully!

The dialog box has a blue "OK" button in the bottom right corner.