

# Laboratory Exercise 6

## 1. Open and Save HTML File

- 1.1 Open the Laboratory2.html file and save it as Laboratory6.html.

|               |             |
|---------------|-------------|
|               |             |
| File name:    | Laboratory6 |
| Save as type: | HTML        |
|               |             |

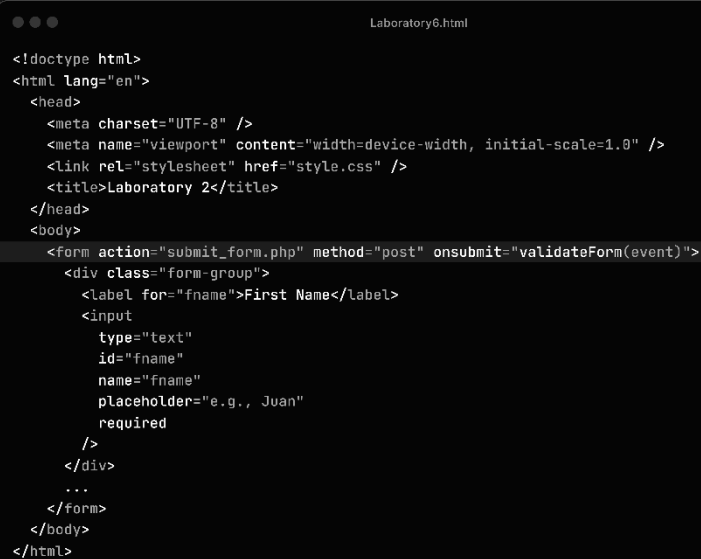
## 2. Create the Form

2.1 Within the `<body>` of the file, create a `<form>` element with the following attributes:

**action:** Set to `submit_form.php`

**method:** Set to `post`

**onsubmit:** Set to `validateForm(event)`



```
Laboratory6.html

<!doctype html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="style.css" />
    <title>Laboratory 2</title>
  </head>
  <body>
    <form action="submit_form.php" method="post" onsubmit="validateForm(event)">
      <div class="form-group">
        <label for="fname">First Name</label>
        <input
          type="text"
          id="fname"
          name="fname"
          placeholder="e.g., Juan"
          required
        />
      </div>
      ...
    </form>
  </body>
</html>
```

## 3. Edit the HTML Form

3.1 Remove all `required` attributes from the form elements to customize the display message.

## 4. Enhance the Form with JavaScript Validation

### 4.1 Implement JavaScript to validate the form data before submission.

#### Ensure that:

All required fields are properly validated.

Appropriate error messages are shown for invalid inputs using the alert method for the following:

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="style.css">
  <title>Laboratory 2</title>
</head>

<body>
  <form action="submit_form.php" method="post" onsubmit="validateForm(event)">
    <div class="form-group">
      <label for="fname">First Name</label>
      <input type="text" id="fname" name="fname" placeholder="e.g., Juan">
    </div>

    <input type="checkbox" id="terms" name="terms">
    <label for="terms">Agree to the <a href="#">Terms and Conditions</a></label>

    <button type="submit">Sign Up</button>
  </form>
  <script>
    function validateForm(event) {
      event.preventDefault();

      const fname = document.getElementById("fname").value;
      const lname = document.getElementById("lname").value;
      const email = document.getElementById("email").value;
      const dob = document.getElementById("dob").value;
      const gender = document.querySelector('input[name="gender"]:checked');
      const address = document.getElementById("address").value;
      const country = document.getElementById("country").value;
      const terms = document.getElementById("terms").checked;

```

```

      if (fname === "" || lname === "") {
        alert("Please enter both your first and last name");
        return false;
      }

      if (email === "") {
        alert("Please enter your email");
        return false;
      }

      if (dob === "") {
        alert("Please select your date of birth");
        return false;
      }

      if (!gender) {
        alert("Please select your gender");
        return false;
      }

      if (address === "") {
        alert("Please enter your address");
        return false;
      }

      if (country === "") {
        alert("Please select your country");
        return false;
      }

      if (terms === "") {
        alert("You must agree to the terms and conditions");
        return false;
      }

      if (!confirm("Are you sure you want to submit?")) {
        return false;
      }

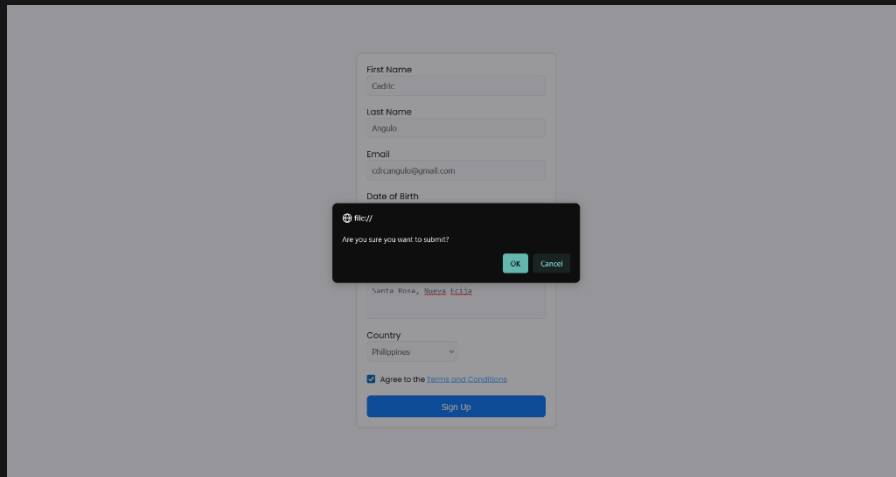
      alert("Successfully Submitted");
      return true;
    }
  </script>
</body>

</html>

```

## 5. Confirm Dialog

- 5.1 After the user clicks the submit button, a confirmation dialog should appear asking: "Are you sure you want to submit?"



- 5.2 Use the confirm method for the confirmation dialog. If the user clicks "OK", display a message saying, "Successfully Submitted". If the user clicks "Cancel", return to the previous page to allow further editing.

