

IT24102555-Weerathunga B.A

WMT-Lab03

Lab3.html

```
<!DOCTYPE html>
<html>
    <head>

        <style>
            ul.nav{
                list-style-type: none;
                background-color: #2c3e50;
                padding: 10px;
            }
            ul.nav li{
                display: inline;
                margin-right: 20px;
            }
            ul.nav li a{
                color: white;
                text-decoration: none;
                font-weight: bold;
            }
            table{
                width: 80%;
                border-collapse: collapse;
                margin: 20px auto;
                background-color: #f2f2f2;
            }
            th,td{
                border: 1px solid #333;
                padding: 8px;
                text-align: left;
            }
            th{
                background-color: #4CAF50;
                color: white;
            }

            .row1{
                background-color: #ffffff;
            }
            .row2{
```

```
        background-color: #e6f7ff;
    }

</style>
<title>Student Form</title>
<link rel="stylesheet" href="styles.css">
<script src="script.js"></script>
</head>
<body>
    <ul class="nav">
        <li><a href="#">Home</a></li>
        <li><a href="#">Destinations</a></li>
        <li><a href="#">Contact Us</a></li>
    </ul>

    <h1 style="color:#003366; text-align:center;">Travel Adventures</h1>

    <p style="text-align: center; margin:15px; line-height:1.6;">
        <b>Welcome</b> to our travel guide for <i>Sri Lanka!</i>
    </p>

    <div style="text-align: center; margin:20px;">
        
        <p><a href="https://www.srilanka.travel/">Visit the official website of
Sri Lanka Tourism</a></p>
    </div>

    <hr>

    <h2>Packing Essentials</h2>
    <p>Good preparation helps travellers enjoy a safe and comfortable
journey.</p>
    <ol>
        <li>Clothes</li>
        <li>Travel Documents</li>
        <li>Gadgets</li>
        <ul>
            <li>Laptop</li>
            <li>Smartphone</li>
        </ul>
        <li>Toiletries</li>
    </ol>
    <h3>Trip Cost Overview</h3>
    <table class="trip-table" border="1" cellpadding="8" cellspacing="0">
```

```

<tr>
    <th>Item</th>
    <th>Cost (USD)</th>
    <th>Notes</th>
    <th>Included Items</th>
</tr>
<tr class="row1">
    <td>Flight Ticket</td>
    <td>800</td>
    <td>Round trip</td>
    <td>
        <ul>
            <li>Checked baggage</li>
            <li>In-flight meals</li>
        </ul>
    </td>
</tr>
<tr class="row2">
    <td>Hotel</td>
    <td>800</td>
    <td>7 nights</td>
    <td>
        <ul>
            <li>Breakfast included</li>
            <li>Free Wi-Fi</li>
        </ul>
    </td>
</tr>
<tr>
    <td>Food</td>
    <td>400</td>
    <td>Estimated</td>
    <td>
        <ul>
            <li>Local cuisine</li>
            <li>Snacks and drinks</li>
        </ul>
    </td>
</tr>
</table>
<h2>Traveler Information</h2>
<p>Please enter your details:</p>
<form>
    <fieldset>
        <legend>Personal Details</legend>

```

```

<label for="name">Name:</label><br>
<input type="text" id="name" name="name"><br><br>

<label for="age">Age:</label><br>
<input type="number" id="age" name="age"><br><br>

<label for="email">Email:</label><br>
<input type="email" id="email" name="email"><br><br>

<input type="submit" value="Submit">
</fieldset>

</form>

<h2>Student Registration Form</h2>

<form onsubmit="return submitForm();">
  <fieldset>
    <legend>Student Details</legend>

    <label for="name">Name:</label><br>
    <input type="text" id="name" name="name" placeholder="Enter your
name"><br><br>

    <label for="age">Age:</label><br>
    <input type="number" id="age" name="age" placeholder="Enter your
age"><br><br>

    <label for="email">Email:</label><br>
    <input type="email" id="email" name="email" placeholder="Enter your
email"><br><br>

    <label for="phone">Phone Number:</label><br>
    <input type="tel" id="phone" name="phone" placeholder="Enter your
phone number"><br><br>

    <input type="submit" value="Submit">
  </fieldset>

</form>

<p class="note"> ✓ Check the browser console to see stored students</p>

```

```

<hr>
<footer>
    <p>Created by:Weerathunga B.A |
        <a href="https://student360.sliit.lk/" target="_blank">Student
    Profile</a>
    </p>

    </footer>
</body>
</html>

```

Script.js

```

const minAge = 18;

let students = [];

function submitForm() {

    let name = document.getElementById("name").value;
    let age = Number(document.getElementById("age").value);
    let email = document.getElementById("email").value;
    let phone = document.getElementById("phone").value;

    switch (true) {

        case (name === "" || email === ""):
            alert("Validation failed: Empty fields");
            return false;

        case (age < minAge):
            alert("Validation failed: Age below 18");
            return false;

        case (phone.length !== 10 || isNaN(phone)):
            alert("Validation failed: Phone number must be at least 10 digits");
            return false;

        default:
    }
}

```

```
        alert("Validation successful");
    }

// Create student object
let student = {
    name: name,
    age: age,
    email: email,
    phone: phone
};

students.push(student);

console.clear();
for (let i = 0; i < students.length; i++) {
    console.log(
        "Name: " + students[i].name +
        ", Age: " + students[i].age +
        ", Email: " + students[i].email +
        ", Phone: " + students[i].phone
    );
}

// Clear form fields
document.getElementById("name").value = "";
document.getElementById("age").value = "";
document.getElementById("email").value = "";
document.getElementById("phone").value = "";

document.getElementById("name").focus();

return false;
}
```

Output-Lab3

The screenshot shows a web application interface. On the left, there is a table with three columns: Food, 400, and Estimated. A modal window titled "This page says" displays the message "Validation successful" with an "OK" button. Below the table, there is a section titled "Traveler Information" with a sub-section "Personal Details". This section contains fields for Name (Bishika), Age (21), Email (Weerathungabishika@gmail.com), and a "Submit" button. To the right of this is a browser's developer tools Console tab. The console output shows the following data:
Console was cleared
Name: Bishika, Age: 21, Email: Weerathungabishika@gmail.com, Phone: 0777571816
script.js:46
script.js:48

In-class-test.js

```
const minAge = 18;

let students = [];

function submitForm() {

    let name = document.getElementById("name").value;
    let age = Number(document.getElementById("age").value);
    let email = document.getElementById("email").value;
    let phone = document.getElementById("phone").value;

    switch (true) {

        case (name === "" || email === ""):
            alert("Validation failed: Empty fields");
            return false;
```

```
case (age < minAge):
    alert("Validation failed: Age below 18");
    return false;

case (phone.length !== 10 || isNaN(phone)):
    alert("Validation failed: Phone number must be at least 10 digits");
    return false;

default:
    alert(
        "Student Details:\n" +
        "Name: " + name + "\n" +
        "Age: " + age + "\n" +
        "Email: " + email + "\n" +
        "Phone: " + phone
    );
}

// Create student object
let student = {
    name: name,
    age: age,
    email: email,
    phone: phone
};

students.push(student);

console.clear();
for (let i = 0; i < students.length; i++) {
    console.log(
        "Name: " + students[i].name +
        ", Age: " + students[i].age +
        ", Email: " + students[i].email +
        ", Phone: " + students[i].phone
    );
}

// Clear form fields
document.getElementById("name").value = "";
document.getElementById("age").value = "";
document.getElementById("email").value = "";
document.getElementById("phone").value = "";
```

```
document.getElementById("name").focus();  
  
    return false;  
}
```

Output- In-class-test

The screenshot displays a web application interface with two main sections: "Traveler Information" and "Student Registration Form".

Traveler Information: This section contains a table with two rows: "Food" and "400". A modal dialog box titled "This page says" is overlaid on the page, displaying the following details:

Food	400
------	-----

This page says	
Student Details:	
Name: Bisheka	
Age: 21	
Email: Weerathungabisheka@gmail.com	
Phone: 0777571816	

An "OK" button is located at the bottom right of the modal.

Student Registration Form: This section contains a form titled "Personal Details" with fields for Name, Age, Email, and Phone Number, each with a corresponding input field. A "Submit" button is at the bottom.

Below the "Student Registration Form" is a note: "✓ Check the browser console to see stored students".

At the bottom left, it says "Created by: Weerathunga B A | [Student Profile](#)".