IT24102555-Weerathunga B.A

WMT-Lab03

Lab3.html

```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{
```

```html
            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;">
    <img src="./image/image_1.png" alt="Travelling" width="300" height="200"
style="border:2px solid #333; padding:5px;">
    <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">
```

```html
        <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>
```

```html
            <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 you
email"><br><br>

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

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

</form>

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

```html
    <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

```javascript
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:
```

```javascript
        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

In-class-test.js

```javascript
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;
```

```javascript
        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