# Green University of Bangladesh
# Department of Computer Science and Engineering (CSE)

**Faculty of Sciences and Engineering**
**Semester: (Fall, Year:2025), B.Sc. in CSE (Day)**

**LAB REPORT NO: 1**
**Course Title:** Web Programing Lab
**Course Code:** CSE 302 **Section:** 232-D2

**Lab Experiment Name: Implement Basic Html (List, Table, Form).**

## Student Details

| Name | | ID |
|---|---|---|
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**Submission Date : 10-14-2025**
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**[For Teachers use only: Don't Write Anything inside this box]**

**Lab Report Status**

**Marks: ……** **Signature:.....**
**Comments:.....** **Date:.....**

1. Prepare a comprehensive lab report on the creation and implementation of lists, tables, and forms in HTML, based on the exercises conducted in class.

**Introduction**:

This HTML document demonstrates the basic structure and features of HTML used to create and format web pages. It includes examples of unordered, ordered, and description lists to organize information in different styles. A detailed table is also created to show how data can be displayed in a structured format using table rows, columns, and headings. Additionally, a school admission form is designed using form elements like text fields, date picker, email, and buttons to collect user input. Overall, this code helps to understand how HTML tags work together to build a complete and functional web page.

## 2. OBJECTIVES/AIM

1. To understand the purpose and syntax of HTML lists, tables, and forms.
2. To learn how to create and style different types of lists.
3. To design and organize structured data using HTML tables.
4. To create user input forms using various input controls (text boxes, date, email, etc.).
5. To test and verify the implementation in a web browser.

## 3. PROCEDURE

1. Opened Visual Studio Code and created a new file named LabReport1.html.
2. Declared the basic HTML structure using <html>, <head>, and <body> tags.
3. Added a main heading for the title “An Unordered HTML List” using the <h2> tag.
4. Created an unordered list (<ul>) to display items such as Coffee, Tea, and Milk.
5. Added an ordered list (<ol>) to show items in a numbered sequence.
6. Created a description list (<dl>, <dt>, <dd>) to describe the listed items.
7. Used ordered list attributes like start and type to display custom numbering formats.
8. Designed a table using <table> tags to show seminar schedules with headings, rows, and columns.
9. Developed a School Admission Form using form elements such as <form>, <label>, and <input>.
10. Included various input fields for name, address, date of birth, phone number, and email.
11. Added a Submit button to complete the form structure.
12. Saved the file and opened it in a web browser to test and view the final output.

**4.Implementation:**

Lists in HTML

## Source Code:

```
<!DOCTYPE html>

<html lang="en">



<head>

    <meta charset="UTF-8">

                <meta    name="viewport"    content="width=device-width,
initial-scale=1.0">

    <title>LabReport1</title>

</head>



<body>

    <h2>An Unordered HTML List</h2>



    <ul>

        <li>Coffee</li>

        <li>Tea</li>

        <li>Milk</li>

    </ul>



    <h2>An Ordered HTML List</h2>



    <ol>
```

```
    <li>Coffee</li>
    <li>Tea</li>
    <li>Milk</li>
</ol>

<h2>A Description List</h2>

<dl>
    <dt>Coffee</dt>
    <dd>- black hot drink</dd>
    <dt>Milk</dt>
    <dd>- white cold drink</dd>
</dl>
<ol start="10">
    <li>Coffee</li>
    <li>Tea</li>
    <li>Milk</li>
</ol>

<ol type="I" start="7">
    <li>Coffee</li>
    <li>Tea</li>
    <li>Milk</li>
</ol>
```

```
    <hr>
```

## Tables in HTML:

### Source Code:

```
<table border="1" align="center" cellpadding="10px">

        <thead>

            <tr>

                <th rowspan="3">Day</th>

                <th colspan="3">Seminar</th>

            </tr>

            <tr>

                <th colspan="2">Schedule</th>

                <th rowspan="2">Topic</th>

            </tr>

            <tr>

                <th>Begin</th>

                <th>End</th>

            </tr>

        </thead>



        <tbody>

            <tr>
```

```
            <td rowspan="2">Monday</td>
            <td rowspan="2">8:00 a.m</td>
            <td rowspan="2">5:00 p.m</td>
            <td>Introduction to XML</td>
        </tr>
        <tr>
            <td>Validity: DTD and Relax NG</td>
        </tr>
        <tr>
            <td rowspan="4">Tuesday</td>
            <td>8:00 a.m</td>
            <td>11:00 a.m</td>
            <td rowspan="2">XPath</td>
        </tr>
        <tr>
            <td rowspan="2">11:00 a.m</td>
            <td rowspan="2">2:00 p.m</td>
        </tr>
        <tr>
            <td rowspan="2">XSL transformation</td>
        </tr>
        <tr>
            <td>2:00 p.m</td>
            <td>5:00 p.m</td>
        </tr>
```

```
            <tr>
                <td>Wednesday</td>
                <td>8:00 a.m</td>
                <td>12:00 p.m</td>
                <td>XLS Formatting Objects</td>
            </tr>

        </tbody>
    </table>

    <hr>
```

## Forms in HTML:

### Source Code:

```
 <h2>School Admission Form</h2>

    <form>
        <label>Student's Name*</label><br>
             <input  type="text"  name="first_name"  placeholder="First" required>
              <input  type="text"  name="last_name"  placeholder="Last" required><br><br>

        <label>Class you want to apply for*</label><br>
```

```
        <input type="text" name="class_apply" placeholder="For example:
Class 2015-2016" required><br><br>



        <label>Student's DoB*</label><br>

        <input type="date" name="dob" required><br><br>



        <label>Parent/Guardian Name*</label><br>

            <input  type="text"  name="parent_first"  placeholder="First"
required>

             <input  type="text"  name="parent_last"  placeholder="Last"
required><br><br>



        <label>Current Address</label><br>

               <input  type="text"  name="address1"  placeholder="Street
Address"><br><br>

         <input type="text" name="address2" placeholder="Street Address
Line 2"><br><br>

        <input type="text" name="city" placeholder="City">

        <input type="text" name="region" placeholder="Region"><br><br>

            <input  type="text"  name="postal"  placeholder="Postal  /  Zip
Code">

                                  <input    type="text"    name="country"
placeholder="Country"><br><br>



        <label>Phone</label><br>

                <input  type="tel"  name="phone"  placeholder="###  ###
####"><br><br>
```

```
        <label>Email*</label><br>

           <input type="email" name="email" placeholder="Your admission
confirmation will be sent via email"

            required><br><br>



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

    </form>

</body>

</html>
```

Outputs:

List:

**An Unordered HTML List**

- Coffee
- Tea
- Milk

**An Ordered HTML List**

1. Coffee
2. Tea
3. Milk

**A Description List**

Coffee
- black hot drink
Milk
- white cold drink

10. Coffee
11. Tea
12. Milk

VII. Coffee
VIII. Tea
IX. Milk

---

## Table:

| Day | Seminar | | |
|---|---|---|---|
| | Schedule | | Topic |
| | Begin | End | |
| Monday | 8:00 a.m | 5:00 p.m | Introduction to XML |
| | | | Validity: DTD and Relax NG |
| Tuesday | 8:00 a.m | 11:00 a.m | XPath |
| | 11:00 a.m | 2:00 p.m | XSL transformation |
| | 2:00 p.m | 5:00 p.m | |
| Wednesday | 8:00 a.m | 12:00 p.m | XLS Formatting Objects |

## Form :

# School Admission Form

Student's Name*

First | Last

Class you want to apply for*

For example: Class 201

Student's DoB*

mm/dd/yyyy

Parent/Guardian Name*

First | Last

Current Address

Street Address

Street Address Line 2

City | Region

Postal / Zip Code | Country

Phone

### ### ####

Email*

Your admission confirma

Submit

**6. ANALYSIS AND DISCUSSION:**

In this lab, I created an HTML webpage that demonstrates different HTML elements such as lists, tables, and forms. The main purpose of this task was to understand the structure of HTML and how various tags are used to organize and display information properly on a webpage.

First, I created unordered, ordered, and description lists to show different list types in HTML. The unordered list (<ul>) displays items with bullet points, while the ordered list (<ol>) shows items in numbers or Roman numerals. The description list (<dl>) helps describe terms with their meanings.

Next, I designed a table using <table>, <tr>, <th>, and <td> tags. I also used attributes like rowspan, colspan, align, and cellpadding to format the table and make it easy to read. The table displays a seminar schedule with days, time, and topics, showing how HTML tables can organize structured data clearly.

Finally, I created a school admission form using the <form> tag. It includes various input fields such as text, date, email, and phone number. I also used the required attribute to ensure that important fields must be filled before submission. This helped me understand how HTML forms collect user information and how form validation works.

Overall, this lab helped me learn how to build a basic webpage using lists, tables, and forms. It improved my understanding of HTML structure, tag usage, and webpage formatting.

## 7. SUMMARY:

In this lab, I learned how to create different HTML elements such as lists, tables, and forms. I used unordered, ordered, and description lists to display information in various styles. I also designed a table to show a seminar schedule using rows, columns, and headings. Finally, I created a school admission form using different input fields like text, date, email, and phone. This lab helped me understand the basic structure of HTML and how to design a simple webpage effectively.