

Report Day: 3

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Dated: 25/06/2025

Topic: Using Lists in HTML

1. Introduction

In HTML, **lists** are used to group related pieces of content in a structured format. They make it easier for users to read and understand grouped data. Lists are a fundamental part of web design and are used for menus, instructions, features, and more.

2. Purpose of Lists

- To organize information clearly
- To display steps, items, or definitions
- To improve readability of content
- To present content in a user-friendly format

3. Basic Syntax of Lists

All HTML lists are made using these tags:

- ``: Unordered list
- ``: Ordered list
- ``: List item (used inside both `` and ``)
- `<dl>`: Description list
- `<dt>`: Term (used inside `<dl>`)
- `<dd>`: Description (used inside `<dl>`)

Types of Lists in HTML

1. Ordered List ()

An ordered list presents items in a numbered format. It is useful for steps, rankings, or sequences.

Example:

Step One

Step Two

By default, it uses numbers (1, 2, 3...), but styles like A, a, I, or i can also be applied using the type attribute or CSS.

```
C: > Users > AYESHA ABID > Documents > GitHub > Week_1 > <> Html list.html > html > body > dl
 1  <!DOCTYPE html>
 2  <html>
 3      <head>
 4          <title>Using List ConceptS</title>
 5      </head>
 6      <body>
 7  <h2>Applying for internship</h2>
 8  <ol style="list-style-type:lower-alpha;">
 9      <li>Update your CV</li>
10      <li>Serach for internship</li>
11      <li> Submitting your application</li>
12      <li>Prepare for interview</li>
13  </ol>
14  <dl>
15      <dt>Name</dt>
16      <dd>Ayesha Abid</dd>
17      <dt>Degree</dt>
18      <dd>BS Software Engineering</dd>
19  </dl>
20
21  </body>
22  </html>
```



2. Unordered List ()

Unordered lists display items with bullets. They are commonly used for grouping non-sequential items like shopping lists or navigation menus.

Example:

```
<ul>

  <li>Milk</li>

  <li>Bread</li>

</ul>
```

Default bullet types include disc, circle, and square.

3. Description List (<dl>)

A description list is used to define terms and descriptions — like in dictionaries or glossaries.

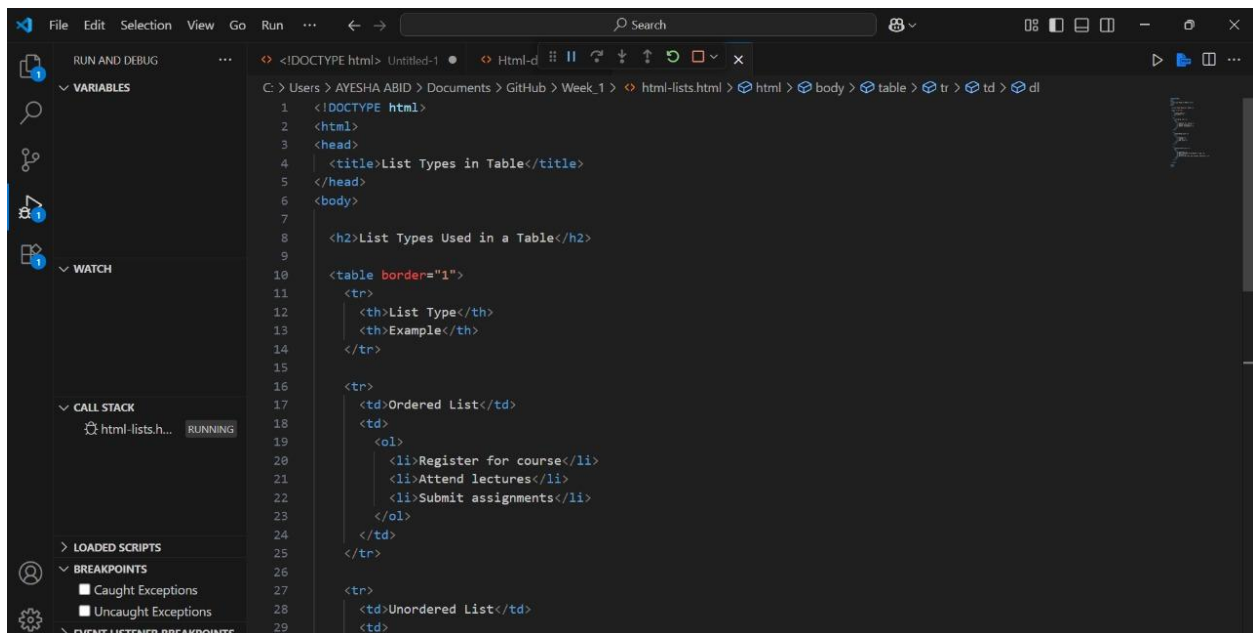
Example:

```
<dl>

  <dt>HTML</dt>

  <dd>A markup language for web pages.</dd>

</dl>
```



```

28 </td></td></td></td></td></tr>
29 <td>
30 <ul>
31 <li>Laptop</li>
32 <li>Charger</li>
33 <li>USB Drive</li>
34 </ul>
35 </td>
36 </tr>
37
38 <tr>
39 <td>Description List</td>
40 <td>
41 <dl>
42 <dt>Frontend</dt>
43 <dd>User interface of a website or app.</dd>
44 <dt>Backend</dt>
45 <dd>Server-side logic and database operations.</dd>
46 </dl>
47 </td>
48 </tr>
49
50 </table>
51
52 </body>
53 </html>

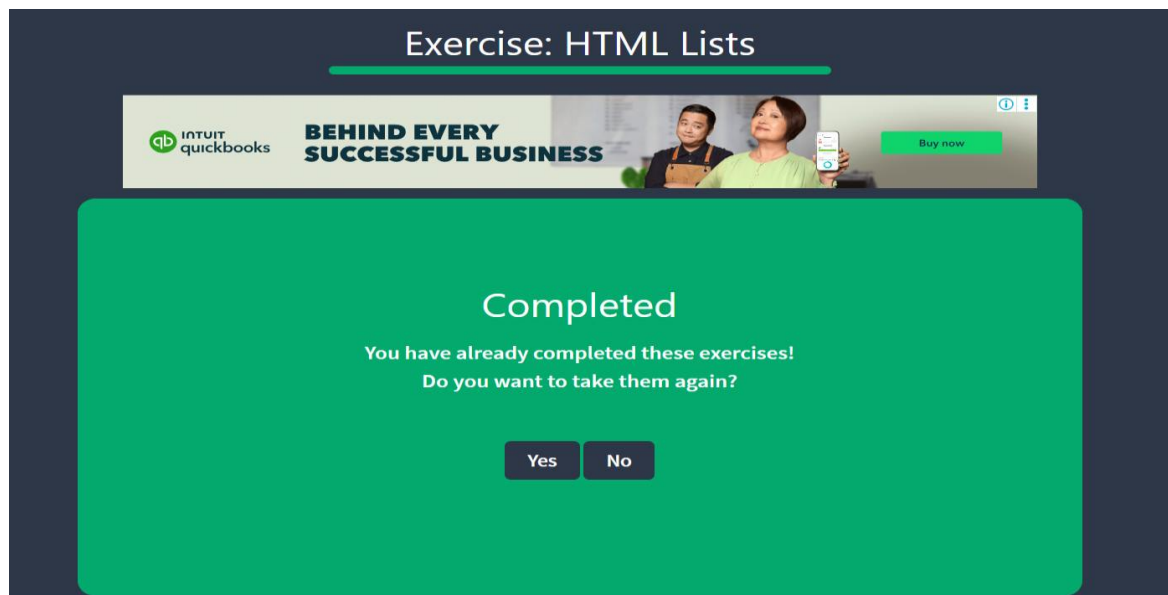
```

← → ↻ ⓘ File C:/Users/AYESHA%20ABID/Documents/GitHub/Week_1/html-lists.html

List Types Used in a Table

List Type	Example
Ordered List	<ol style="list-style-type: none"> 1. Register for course 2. Attend lectures 3. Submit assignments
Unordered List	<ul style="list-style-type: none"> • Laptop • Charger • USB Drive
Description List	<div>Frontend</div> <div>User interface of a website or app.</div> <div>Backend</div> <div>Server-side logic and database operations.</div>

Have gone through practice exercises for Lists on w3schools platform.



Conclusion:

HTML lists provide a simple yet powerful way to organize content on web pages. Understanding the types of lists ordered, unordered, and description helps in creating structured layouts and enhances the readability of information.