

Day 6

“Web Development + Security”

Lists:

What is lists in HTML?

In HTML, a list is a way to group related items together. There are three main types of lists:

1. Ordered list
2. Unordered list
3. Description list <dl>

Example:

```

index.html
2 <html lang="en">
10 <body>
11 <!--Ordered list-->
12 <ol>
13 <li>Item 1</li>
14 <li>Item 2</li>
15 <li>Item 3</li>
16 </ol>
17
18 <!--Unordered list-->
19 <ul>
20 <li>Item A</li>
21 <li>Item B</li>
22 <li>Item C</li>
23 </ul>
24
25 <!--Definition list-->
26 <dl>
27 <dt>Term 1</dt>
28 <dd>Definition for Term 1</dd>
29 <dt>Term 2</dt>
30 <dd>Definition for Term 2</dd>
31 <dt>Term 3</dt>
32 <dd>Definition for Term 3</dd>
33 </dl>
34 </body>
35
36 </html>

```

1. Item 1
2. Item 2
3. Item 3

- Item A
- Item B
- Item C

Term 1
Definition for Term 1

Term 2
Definition for Term 2

Term 3
Definition for Term 3

Important attributes:

List Type	Important Attribute	Use Case Description	Example
 (Ordered List)	type	Controls numbering style (1, A, a, I, i)	<ol type="A">AppleBanana → A. Apple, B. Banana
	start	Sets the starting number of the list	<ol start="5">Item → starts numbering at 5

List Type	Important Attribute	Use Case / Description	Example
	reversed	Reverses the numbering order	<code><ol reversed>FirstSecond</code> → 2. First, 1. Second
<code></code> (Unordered List)	type (deprecated in HTML5)	Bullet style (disc, circle, square) – better via CSS	<code><ul type="square">Apple</code>
<code><dl></code> (Description List)	No specific attributes	Uses <code><dt></code> for term and <code><dd></code> for description	<code><dl><dt>HTML</dt><dd>Markup language</dd></dl></code>
All lists	class / id	Apply CSS styles or target with JS	<code><ul class="fruits">...</code>
	style	Inline CSS to control appearance (not recommended for maintainability)	<code><ol style="list-style-type: lower-roman;">...</code>

Example: showing some common attributes usage

The screenshot shows a web browser displaying an HTML document. The document contains three sections: an Ordered List (ol), an Unordered List (ul), and a Description List (dl). The browser's developer tools are open, showing the HTML structure of the page. The Unordered List (ul) is styled with square bullets. The Description List (dl) uses `<dt>` and `<dd>` tags to define terms and their descriptions.

Ordered List (ol)

- C. Learn HTML
- D. Learn CSS
- E. Learn JavaScript

Unordered List (ul)

- Apple
- Banana
- Orange

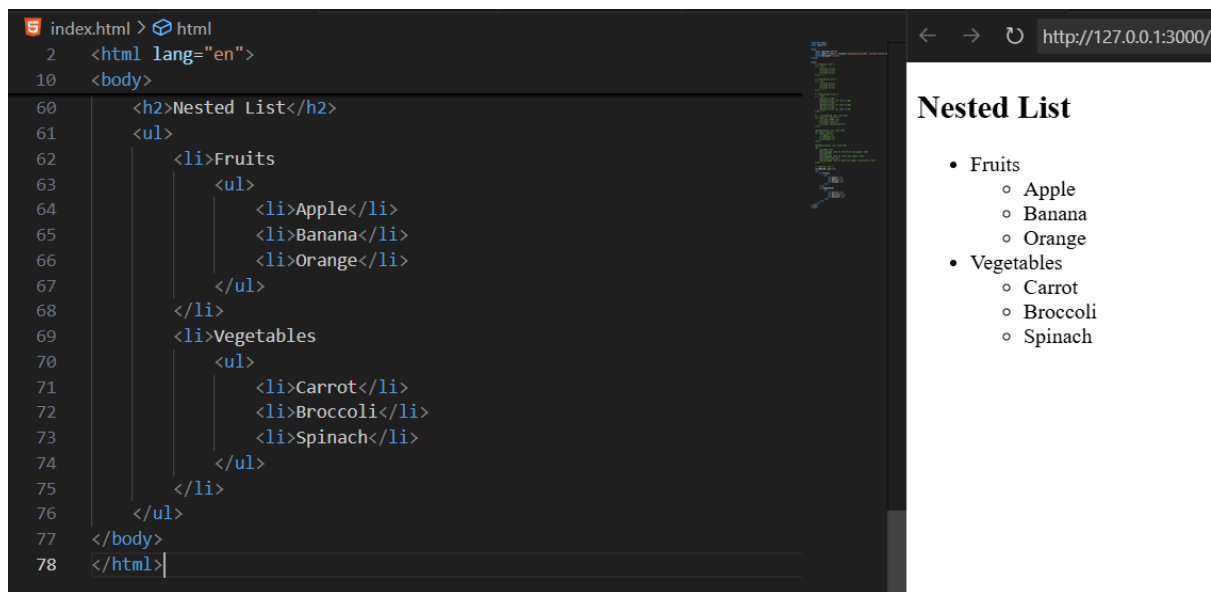
Description List (dl)

HTML
Language used to structure web pages.

CSS
Language used to style web pages.

JavaScript
Language used to make web pages interactive.

Nested Lists:



The screenshot shows a web browser window with the URL `http://127.0.0.1:3000/`. The browser displays a page titled "Nested List" with the following content:

- Fruits
 - Apple
 - Banana
 - Orange
- Vegetables
 - Carrot
 - Broccoli
 - Spinach

The browser's developer tool is open, showing the HTML code for the page. The code is as follows:

```
2 <html lang="en">
10 <body>
60 <h2>Nested List</h2>
61 <ul>
62 <li>Fruits
63 <ul>
64 <li>Apple</li>
65 <li>Banana</li>
66 <li>Orange</li>
67 </ul>
68 </li>
69 <li>Vegetables
70 <ul>
71 <li>Carrot</li>
72 <li>Broccoli</li>
73 <li>Spinach</li>
74 </ul>
75 </li>
76 </ul>
77 </body>
78 </html>
```

--The End--