

2.2. Working with *lists* in HTML

There are many occasions when we need to use lists. HTML provides us with three different types: Ordered lists, unordered lists, definition lists.

Ordered listed

Ordered lists are lists where each item in the list is numbered. For example, the list might be a set of steps for a recipe that must be performed in order, or a legal contract where each point needs to be identified by a section number.

The ordered list is created with the **** element.

Each item in the list is placed between an opening **** tag and a closing **** tag. (The **li** stands for list item.)

<pre>How to pass this course with a good grade: 1. Never miss classes 2. Always participate in class activities and finish them on time 3. Dedicate at least 2 hours of my free time to practice the codes I learned in my class 4. Seek help from my professor, classmates, or tutors in case I do not understand the class material 5. Never give up!</pre>	DISPLAY
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Ordered List – “type” attribute

HTML attributes are a modifier of an HTML element type. An attribute either modifies the default functionality of an element type or provides functionality to certain element types unable to function correctly without them. In HTML syntax, an attribute is added to an HTML start tag. Attributes provide additional information about HTML elements.

The **type** attribute of the **** tag, defines the type of the list item marker. Attributes provide additional information about HTML elements.

Type	Description
type="1"	The list items will be numbered with numbers (default)
type="A"	The list items will be numbered with uppercase letters
type="a"	The list items will be numbered with lowercase letters
type="I"	The list items will be numbered with uppercase roman numbers
type="i"	The list items will be numbered with lowercase roman numbers

DISPLAY

Ordered List with Letters

- A. Coffee
- B. Tea
- C. Milk

HTML

```
<h2>Ordered List with Letters</h2>
<ol type="A">
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ol>
```

Bullet or unordered listed

- Unordered lists are lists that begin with a bullet point (rather than characters that indicate order).
- The unordered list is created with the **** element.
- Each item in the list is placed between an opening **** tag and a closing **** tag.

DISPLAY

```
<ul><b>Lists of fruits</b>
  <li>Apples</li>
  <li>Oranges</li>
  <li>Grapes</li>
</ul>
```

Definition listed

Definition lists are made up of a set of terms along with the definitions for each of those terms.

The definition list is created with the **<dl>** element.

Inside the **<dl>** element you will usually see pairs of **<dt>** and **<dd>** elements.

<dt> is used to contain the term being defined (the definition term).

<dd> is used to contain the definition.

<p>Cats The cat is a domestic species of small carnivorous mammal.</p> <p>Dogs The dog is a domesticated descendant of the wolf</p>	DISPLAY
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<pre><dl> <dt>Cats</dt> <dd>The cat is a domestic species of small carnivorous mammal. </dd>
 <dt>Dogs</dt> <dd>The dog is a domesticated descendant of the wolf</dd> </dl></pre>	HTML
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