HTML Lists

HTML lists allow web developers to group a set of related items in lists.

Unordered HTML List

An unordered list starts with the <ul> tag. Each list item starts with the <li> tag.The list items will be marked with bullets (small black circles) by default:
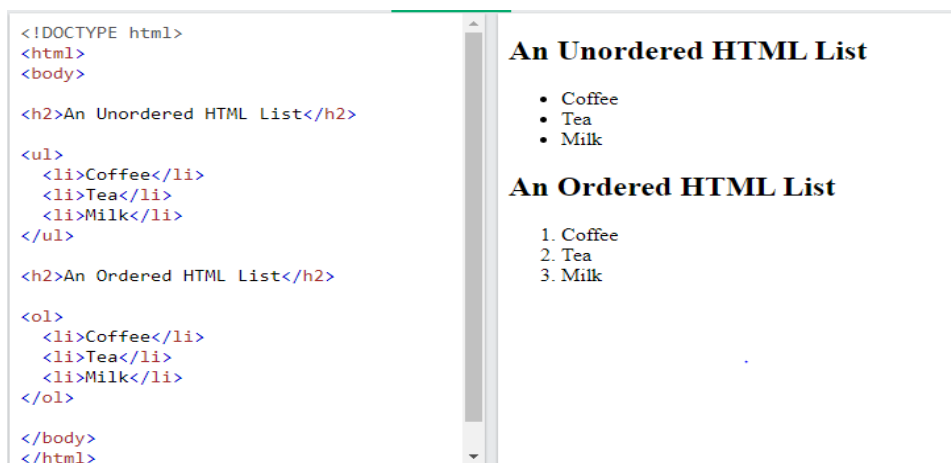
```
<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

Ordered HTML List

An ordered list starts with the <ol> tag. Each list item starts with the <li> tag.

The list items will be marked with numbers by default:

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


We can also embed one list inside the other

```
<ul style="list-style-type: square;">
      <li>item1</li>
          <ol type="a">
<!-- what happens if i give 10 or b (the value other than the provided ones)
it goes with default value that is numbers -->
              <li>sub item 1</li>
              <li>sub item 2</li>
              <li>sub item 3</li>
              <li>sub item 4</li>
              <li>sub item 5</li>
          </ol>
      <li>item2</li>
      <li>item3</li>
```

```
        <li>item4</li>
        <li>item5</li>
        <li>item6</li>
    </ul>
```

- We have type attribute for <ol> and <ul> elements
- This character attribute indicates the numbering type:
  1. a: lowercase letters
  2. A: uppercase letters
  3. i: lowercase Roman numerals
  4. I: uppercase Roman numerals
  5. 1: numbers
- The "type" attribute has been deprecated; so we use the CSS list-style-type property instead.
- This type overrides the one used by its parent <ol> element, if any.

HTML Description Lists

- HTML also supports description lists.
- A description list is a list of terms, with a description of each term.
- The <dl> tag defines the description list, the <dt> tag defines the term (name), and the <dd> tag describes each term:
- There doesn't have to be one dt followed by one dd, there can be any number of either.
- For example, if there are a number of words that have the same meaning, there might be a number of dt's followed by one dd.
- If you have one word that means various different things, there might be one dt followed by several dd's.

Lets check the below code:

```
<h1>Some random glossary thing</h1>
<dl>
  <dt>HTML</dt>
  <dd>Abbreviation for HyperText Markup Language - a language used to make web pages.</dd>

  <dt>Dog</dt>
  <dd>Any carnivorous animal belonging to the family Canidae.</dd>
  <dd>The domesticated sub-species of the family Canidae, Canis lupus familiaris.</dd>
</dl>
```

Outputs:

Some random glossary thing

HTML
  Abbreviation for HyperText Markup Language - a language used to make web pages.
Dog
  Any carnivorous animal belonging to the family Canidae.
  The domesticated sub-species of the family Canidae, Canis lupus familiaris.