Lists

Website Development 1

Lists

- In this section, we examine three types of lists in HTML:
    - Unordered lists (bulleted lists).
    - Ordered lists (numbered lists).
    - Definition lists (for terms and definitions).

Unordered list

- Used to group a collection of items together in a list, but in a way that doesn't suggest an order of precedence or importance. Will appear as bullet points.

- tag to begin list.

- individual items in the list marked with <li> tags (e.g. Item One).

- tag to end list.

```
<ul>
    <li> Avatar </li>
    <li> Titanic </li>
    <li> Lord of the Rings:
        Return of the King
    </li>
</ul>
```

- Avatar
- Titanic
- Lord of the Rings: Return of the King

Ordered list

- Like <ul>, used to group a collection of items together in a list.

- However, the bullets in an unordered list are replaced with a series of incrementing numbers.

- Note that you don't need to add the numbers; the browser does this automatically.

```
<ol>
        <li> Robin Hood </li>
        <li> Date Night </li>
        <li> Last Chance, CO </li>
        <li> Cop Out </li>
</ol>
```

1. Robin Hood
2. Date Night
3. Last Chance, CO
4. Cop Out

Ordered list

- There are some other attributes that can be used with ordered lists, e.g.

  - start = "4" (start counting at 4).

  - reversed (reverses the order of the list).

  - Note: **reversed** is an example of an attribute that doesn't require a value – it is just entered as a single keyword

```
<ol reversed>
    <li> Robin Hood </li>
    <li> Date Night </li>
    <li> Last Chance, CO </li>
    <li> Cop Out </li>
</ol>
```

4. Robin Hood
3. Date Night
2. Last Chance, CO
1. Cop Out

Definition list <dl>

- Used to list definition terms and descriptions.

- The <dl></dl> tags are used to start and end the list.

- The definition term uses the <dt> tag.

- Definition descriptions use the <dd> tag.

<dl>
<dt> Coffee </dt>
<dd> Hot Black Drink. </dd>

<dt> Tea </dt>
<dd> Hot Drink. </dd>

<dt> Milk </dt>
<dd> Cold White Drink. </dd>
</dl>

```
Coffee
        Hot Black Drink.
Tea
        Hot Drink.
Milk
        Cold White Drink.
```

Nested Lists

- Lists can be nested (i.e. list inside list).

- The nested list should be inside a <li> element of the list in which it is nested.

  - Open a list item element (<li>) include the nested list, when the nested list is complete, close the list item element ().

```
<ol>
 <li>topic 1
 <ol>
  <li>subtopic A</li>
  <li>subtopic B</li>
  <li>subtopic C</li>
 </ol></li>
 <li>topic 2</li>
 <li>topic 3</li>
</ol>
```

```
1. topic 1
        1. subtopic A
        2. subtopic B
        3. subtopic C
2. topic 2
3. topic 3
```