



Lists



Why use Lists?

- Our brain loves lists
 - Allows us to categorize, organize, and receive information in small bits
 - Helps us prioritize remember and understand quicker and with less effort
- Life is full of lists
 - Grocery list, top 20 on the radio, to-do lists, bulleted lists, and outlines

Unordered lists vs Ordered lists

- Order is NOT important
- Bullets start the list
- Items can be included in any order
- Example: List of ingredients for a recipe
- Can be used to list requirements for a project, items that belong together in a category

1. Order is important
2. Numbers, letters or roman numerals start the list
3. Items must go in a specific order
4. Example: Steps in cooking Rice Krispy Treats
5. Can be used to make essay outlines, do-it-yourself instructions, or table of contents

Unordered list code vs Ordered list code

```
<ul>
  <li>rice crispy treats</li>
  <li>marshmallows</li>
  <li>butter</li>
  <li>parchment paper</li>
</ul>
```

 - unordered list
 - ordered list
 - list item

```
<ol>
  <li>Melt the butter in a sauce pan</li>
  <li>stir in the marshmallows until they melt</li>
  <li>stir in rice crispy cereal</li>
  <li>put mixture on parchment paper</li>
  <li>push mixture down evenly</li>
  <li>let cool</li>
  <li>cut and eat</li>
</ol>
```

Unordered list code vs Ordered list code

- rice crispy treats
- marshmallows
- butter
- parchment paper

- Default / list-style-type="disc"

1. Default / type="1"

1. Melt the butter in a sauce pan
2. stir in the marshmallows until they melt
3. stir in rice crispy cereal
4. put mixture on parchment paper
5. push mixture down evenly
6. let cool
7. cut and eat

type attributes for ordered lists

Label Type	Code	Display
Numbers	<code>type="1"</code>	1. First Item 2. Second Item 3. Third Item
Uppercase Alphabet	<code>type="A"</code>	A. First Item B. Second Item C. Third Item
Lowercase Alphabet	<code>type="a"</code>	a. First Item b. Second Item c. Third Item
Uppercase Roman Numerals	<code>type="I"</code>	I. First Item II. Second Item III. Third Item
Lowercase Roman Numerals	<code>type="i"</code>	i. First Item ii. Second Item iii. Third Item

start attribute

- Sets number for list to start with
- Only works with numbers
 - Not letters or roman numerals

```
<ol start="5">  
  <li>Item 5</li>  
  <li>Item 6</li>  
  <li>Item 7</li>  
</ol>
```

```
5. Item 5  
6. Item 6  
7. Item 7
```

reversed attribute

- numbers decrease
- Only works with numbers
 - Not letters or roman numerals

```
<ol start="3" reversed="reversed">  
  <li>List item</li>  
  <li>List item</li>  
  <li>List item</li>  
  <li>List item</li>  
  <li>List item</li>  
</ol>
```

3. List item
2. List item
1. List item
0. List item
- 1. List item

Unordered list types

```
<ul style="list-style-type:disc">  
  <li>List item</li>  
  <li>List item</li>  
</ul>
```

- List item
- List item

```
<ul style="list-style-type:circle">  
  <li>List item</li>  
  <li>List item</li>  
</ul>
```

- List item
- List item

Unordered list types

```
<ul style="list-style-type:square">  
  <li>List item</li>  
  <li>List item</li>  
</ul>
```

- List item
- List item

```
<ul style="list-style-type:none">  
  <li>List item</li>  
  <li>List item</li>  
</ul>
```

List item
List item

Nesting Lists

- Allows content to be grouped
- Done by placing a list within a list
- Place an entire list after a list item
- Example:

```
<ul>
  <li>Mammals</li>
  <ul>
    <li>humans</li>
    <li>dogs</li>
    <li>cats</li>
  </ul>
  <li>Birds</li>
  <li>Reptiles</li>
  <li>Amphibians</li>
</ul>
```

- Mammals
 - humans
 - dogs
 - Cats
- Birds
- Reptiles
- Amphibians

Definition Lists

- Comprised of terms and descriptions
- `<dl>` used as the container/type of list
- `<dt>` holds the term
- `<dd>` holds the description
 - Has a left indent
- Most often used for defining terms
- Can be useful when including values or information that directly go with the term
- Great for resumes, webpage descriptions, breaking material up into the names and descriptions of those sections, a menu, schedule of events

```
<dl>  
  <dt>Term</dt>  
  <dd>Description</dd>  
</dl>
```

Term	
	Description

Examples:

Menu

Lunch

Soup & Sandwich
Cobb Salad
Antipasto Salad

Dinner

Shrimp Scampi
Chicken Marsala
Strip Steak

Event

Rock Festival

Cityville Stadium
Friday at 8pm
Tickets \$30