

Write your name below and indicate your role,

Project Manager (PM), Recorder (R)

Name _____ Role _____

Name _____ Role _____

Lists

Your Tasks

- ☐ Explore Lists
- ☐ Apply the type attribute to lists
- ☐ Have Ms. Pluska check off the above tasks
- ☐ Create a nested lists
- ☐ Predict the output of code using list tags
- ☐ Receive credit for the group portion of this lab

☐ Explore Lists

So far, you've structured your content using paragraphs and headings. Another way HTML allows you to organize your code is by using lists. There are two types of lists you will explore: ordered and unordered.

An **unordered list** element has the tags `` ``. This is an abbreviation for Unordered List. Each item in the list is marked by a list item element `` ``. This is an abbreviation for List Item. The list item element is a child element, which means that it goes inside of its parent element, the unordered list.

An **ordered list** element has the tags `` ``. This is an abbreviation for Ordered List. Each item in the list is marked by a list item element `` ``. This is an abbreviation for List Item. The list item element is a child element, which means that it goes inside of its parent element, the ordered list.

Both unordered and ordered lists are illustrated below,

Code	Output
<pre> <!DOCTYPE html> <html> <head> </head> <body> <h1> Scotcharoos </h1> <h2> Yummy family treat! </h2> <h3> Description </h3> <p> This peanut butter treat will be something everyone will enjoy! A crunchy peanut butter bottom with a smooth chocolate and butterscotch top make for a yummy combination. </p> <h3>Ingredients</h3> 1 cup light corn syrup 1 cup sugar 1 cup peanut butter 6 cups Rice Krispies cereal 1 cup semi-sweet chocolate morsels 1 cup butterscotch chips <h3>Directions </h3> Measure out all ingredients before starting. Coat 13 x 9 x 2 inch pans with shortening. Place corn syrup and sugar into 3-quart saucepan. Cook over medium heat, stirring frequently, until sugar dissolves and mixture begins to boil. Remove from heat. Stir in peanut butter. Mix well. Add Rice Krispies cereal. Stir until well coated. Press mixture into 13 x 9 x 2-inch pan coated with cooking spray. Set aside. Melt chocolate and butterscotch chips together in a bowl in the microwave. Remove from the microwave every 30-45 seconds to stir until melted. Spread evenly over cereal mixture. Let stand until firm. ENJOY! </body> </html> </pre>	<h2>Scotcharoos</h2> <h3>Yummy family treat!</h3> <h4>Description</h4> <p>This peanut butter treat will be something everyone will enjoy! A crunchy peanut butter bottom with a smooth chocolate and butterscotch top make for a yummy combination.</p> <h4>Ingredients</h4> <ul style="list-style-type: none"> 1 cup light corn syrup 1 cup sugar 1 cup peanut butter 6 cups Rice Krispies cereal 1 cup semi-sweet chocolate morsels 1 cup butterscotch chips <h4>Directions</h4> <ol style="list-style-type: none"> Measure out all ingredients before starting. Coat 13 x 9 x 2 inch pans with shortening. Place corn syrup and sugar into 3-quart saucepan. Cook over medium heat, stirring frequently, until sugar dissolves and mixture begins to boil. Remove from heat. Stir in peanut butter. Mix well. Add Rice Krispies cereal. Stir until well coated. Press mixture into 13 x 9 x 2-inch pan coated with cooking spray. Set aside. Melt chocolate and butterscotch chips together in a bowl in the microwave. Remove from the microwave every 30-45 seconds to stir until melted. Spread evenly over cereal mixture. Let stand until firm. ENJOY!

Write code that could be used to create the following output,

Output	Code
<ul style="list-style-type: none"> Milkshake Tea Soda <ol style="list-style-type: none"> Chili Dog Pizza Tacos 	

□ Apply the type attribute to lists

The `type` attribute of the `` tag, defines the type of the list item marker. Each are described below.

Type	Description
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<code>type="1"</code>	The list items will be numbered with numbers (default)
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<code>type="A"</code>	The list items will be numbered with uppercase letters
-----------------------	--

<code>type="a"</code>	The list items will be numbered with lowercase letters
-----------------------	--

<code>type="I"</code>	The list items will be numbered with uppercase roman numbers
-----------------------	--

<code>type="i"</code>	The list items will be numbered with lowercase roman numbers
-----------------------	--

Below illustrates how to apply the type attribute,

Code	Output
<pre><ol type="A"> Cat Dog Fish <ol type="i"> Cat Dog Fish <ol type="I"> Cat Dog Fish <ol type="1"> Cat Dog Fish </pre>	<p>A. Cat B. Dog C. Fish</p> <p>i. Cat ii. Dog iii. Fish</p> <p>I. Cat II. Dog III. Fish</p> <p>1. Cat 2. Dog 3. Fish</p>

Write code that could be used to create the following output,

Output	Code
<ul style="list-style-type: none">• Bacon• Eggs• Hashbrowns <p>A. Java B. C++ C. Python</p>	

□ Have Ms. Pluska check off the above tasks



Before you continue have Ms. Pluska check off the above tasks

Do not continue until you have Ms. Pluska's (or her designated TA's) signature _____

□ Create nested lists

Nested lists, just like the name implies, are just lists inside lists. Consider the following example,

Code	Output
<pre> Coffee Tea Black tea Green tea Milk </pre>	<ul style="list-style-type: none">• Coffee• Tea<ul style="list-style-type: none">◦ Black tea◦ Green tea• Milk

Write code that could be used to create the following output,

Output	Code
<pre>A. Coffee ◦ Dark roast ◦ Light roast B. Tea</pre>	

□ Predict the output of code using list tags

Interpreting list tags can get confusing, especially when different lists are nested together. Consider the example below,

Predict the output of the following code.	
Code	Output
<pre><!DOCTYPE html> <html> <head> </head> <body> <h1> My Hobbies </h1> <ol type="I"> Skiing Telemark Cross country Programming HTML CSS javascript Mountain Biking Enduro Cross Country Downhill </body> </html></pre>	

□ Receive Credit for the group portion of this lab



- Indicate the names of all group members.
- Have Ms. Pluska check your formatting text
- Submit your lab to the needs to be graded folder to receive credit for the group portion of this lab.
- Do not submit your lab until you have Ms. Pluska's (or her designated TA's) signature
