**Advanced Functions: Higher order functions**

To complete this Practice problem, you will write the functions according to the functions below. All of your functions should make use of the .forEach() method.

This practice problem should take no more than 20 minutes. Make sure to ask for help if you need it!

**printNames()**

Write a function printNames that uses forEach to log each name to the console.

Argument: an array of strings like

["Mark Fisher", "Ira Bennett", "Denise Hicks", "Julius Patterson"];

Return value: none

**logTreeType()**

Write a function logTreeTypethat uses forEach to log the *type* of each tree object to the console.

Arguments: an array of objects like

[

{

type: "oak",

height: "30m",

},

{

type: "elm",

height: "21m",

},

];

Return value: none  
Log the type property of each tree object to the console.

**totalPoints()**

Write a function totalPoints that uses forEach to add up an array of numbers.

Arguments: an array of numbers, like

[6, 7, 1, 3, 1, 17, 4, 12, 1, 5, 0, 13, 15];

Return value: the sum of the numbers in the array

**buildSentence()**

Write a function buildSentence that takes in an array of words and uses forEach to add the strings together. It should also add a space, " ", after each word .

Arguments: an array of strings, like:

["I'm", "looking", "for", "the", "man", "who", "shot", "my", "paw"];

Return value: The full sentence, like

"I'm looking for the man who shot my paw ";

Note the spaces.

**logPercentages()**

Write a function logPercentages that takes an array of decimal numbers and uses forEach to log each one with some formatting as shown below.

The numbers should be formatted as percentages. That means:

* multiply by 100
* include the percent symbol% at the end of the string

Arguments: an array of numbers like

[0.75, 0.91, 0.48, 0.23, 0.99, 0.83, 1.1];

Return value: none

Use forEach and log each value using console.log.

The logged values should look like:

75%

91%

48%

23%

99%

83%

110%

You may find it helpful to use template strings, but you don't have to.

**Tips**

* You may complete this challenge on your own machine before uploading it to Qualified.
* Reference the related checkpoint for help on completing this Practice problem.
* If you need help, contact your mentor or speak with your peers in Slack.