Let's improve the Tips Calculator from the previous task using loops.

Your tasks:

1. Create the **bills** array containing all 10 test bill values.

2. Create empty arrays for the tips and the totals (**tips** and **totals**)

3. Use the **calculateTips()** function we wrote before to calculate tips and total values (bill + tip) for every bill value in the **bills** array. Use a **for** loop to perform 10 calculations.

Test data: 31, 95, 276, 540, 27, 205, 11, 1180, 96, 57.

Call **calculateTips()** in the loop and use the **push()** method to add values to the **tips** and **totals** arrays.

4. Write a **calculateAverage()** function that takes an array called **arr** as a parameter. This function calculates the average of all numbers in a given array. This is a difficult task! Here's how to solve it:

4.1. First, you will need to add all the values ​​in the array. To do the addition, start by creating a variable “sum” that starts at 0. Then loop through the array using a for loop. At each iteration, add the current value to the sum variable. Thus, by the end of the loop, all values ​​will be added together.

4.2. To calculate the average, divide the sum you calculated earlier by the length of the array (because that's the number of elements).

4.3. Call **calculateAverage()** with **totals** array.