**Arrays and Functions Exercise**

1. Create a sketch at declares an array of integers with 10 elements and initialize with the user input (ask function). Only allow the user to input positive numbers.

Using the populated array, create functions that…

1. Displays all the elements of the array.
2. Calculates the sum of the values and displays the result to the console.
3. Calculates the average of the values and displays the result to the console.
4. Determine the maximum value and display it to the console.
5. Determine the minimum value and display it to the console.

The output to the user should be in a full sentence ( Eg. The sum of all the array values is 354.) and each output statement should be on a separate line.