1. Write a program that contains an array of 10 floating point numbers of your choosing. The array will be initialized in the program. Have the program then print out each element of the array, one per line. Use only 1 print statement ie do not have 10 separate print() statements.

2. Write a program that initializes an array with the numbers 1 – 5, inclusive. The program will then prompt the user for a number that can be used to replace the middle element of the array. The program will output the new array.

3. Write a program that accepts 15 integers that the user will input. The program will then prompt to
   i) replace the nth position element from the front with another number . The user will be entering the position, then the integer to use for replacement. The program will then print the full array for confirmation

   ii) similar as i) but write a separate program that will replace the nth element from the back of the array, using the negative indices