MAT 115E Introduction to Programming Language
Lab-7 / CRN : 21132

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1   Question 1

Create an array of 12 elements consisting of random numbers in the range [-50, 50] and write a C source code that accomplishes the following tasks.

　a.) Print the number of negative and positive numbers in the array.

　b.) Print the minimum element and its index in the array.

2   Question 2

Suppose that an array consists of positive numbers. Write a C program that reads such an array and determines how many different numbers exist in this array.

Example Scenario:
Input: $[1, 2, 4, 5, 3, 6, 4]$
Output: 6

Test Data:
Array1= $[4, 4, 4, 4, 4, 4, 4, 4, 4]$　　　　Array2= $[5, 12, 5, 6, 3, 4, 9, 8, 1, 8, 9]$