

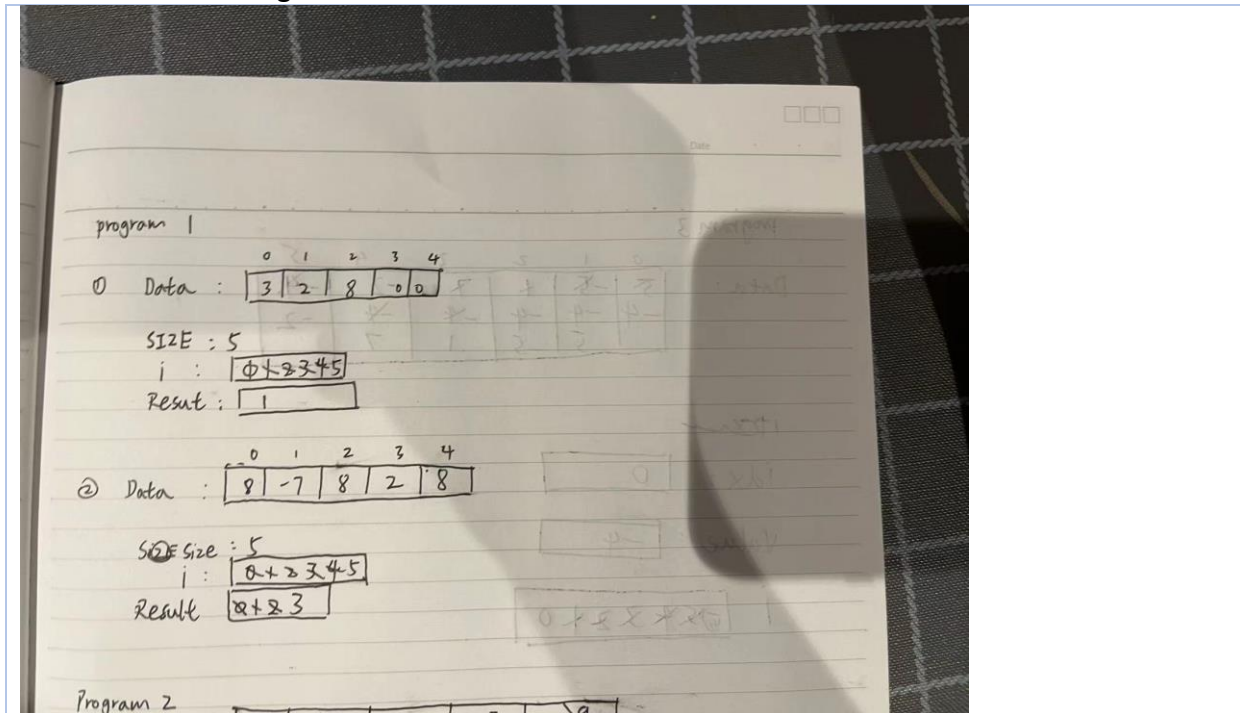
SIT102 – Introduction to Programming

Answers for 6.2P Hand Execution of Arrays

Student Name: yizheng he

Student ID: 221411294

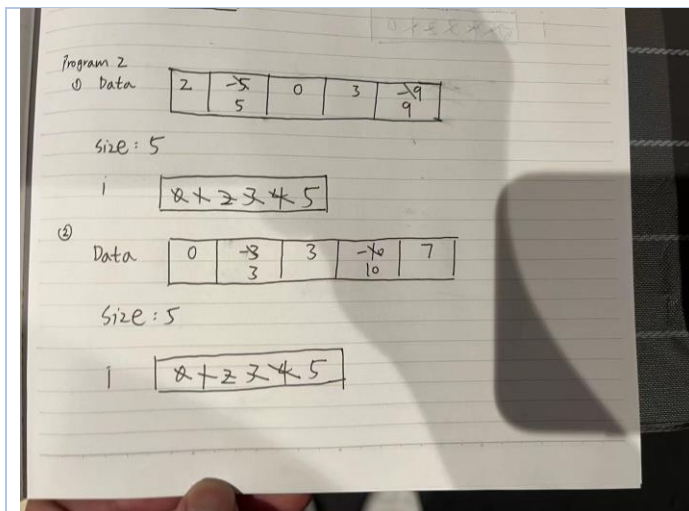
Your answers for Program 1:



The name of this function name: "counts the number of 8 in the input vector"

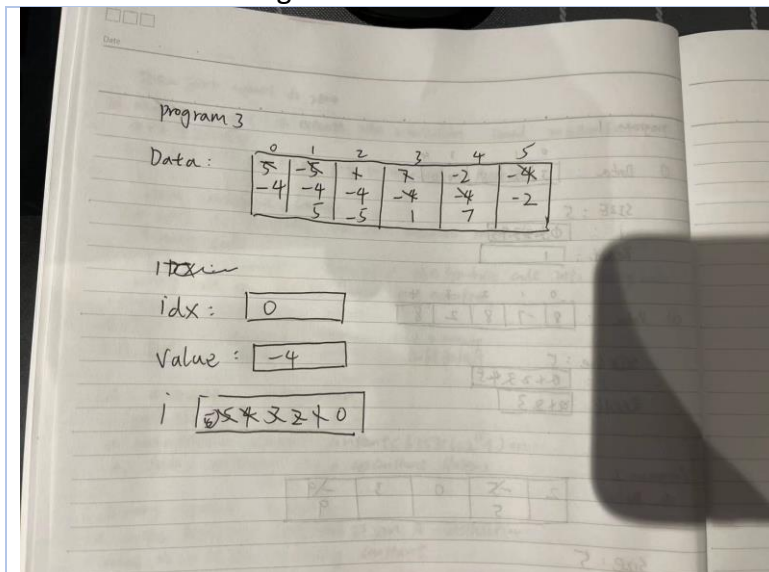
In fact, we already know that SIZE; 5, meaning 0, 1, 2, 3, 4, means that there are five values in data[], if (data[i] == 8, result++). It can be interpreted as finding whether there is data[i]==8 in data[], and if so, the result is added one, and the result means that there is a value of 8 in data[i].

Your answers for Program 2:



The function (procedure) purpose of void name : "change negative value to positive."
 Create a command to change a negative value to a positive value
 First int i = 0 means that the data size is 0, 1, 2, 3, 4 . is SIZE 5. When one of the values in data[i] is less than 0, multiply the negative value of data[i] by -1 to convert it to a positive value.

Your answers for Program 3:



The purpose of this function instruction (program), named: "Update value to index"
 The purpose of this program is to add a new value and make it the first value of this vector.
 We add 1 extra data to slot to the box for push back. Then every element in data shifts across 1, and the data[0] becomes the value - in this case -4

- End of document -