**C Exercise**

**Q1:** Write C code that counts the occurrence of a specific number in an array

Ex: If you have the following array [2,5,3,5,1,2,5,8]

How times did 5 has occurred in the array.

An: 3 times

**Q2:** Modify the previous program to sort the previous array as follows:-

[2,3,1,2,8,5,5,5]

The program shifts each 5 to the end of the array

**Q3:** What is the output of the following program?

#include <stdio.h>

int main() {

int x = 3;

int arr[7] = { 1, 2, 3, 4, 5 };

int \*ptr\_X = &x;

int \*ptr\_Arr = arr;

printf("%d\n", x);

printf("%d\n", ++x);

printf("%d\n", \*ptr\_X);

printf("%d\n", ptr\_Arr[6]);

printf("%d\n", arr[7]);

return 0;

}