**Practical Test**

**CSE 1**

**Q1.** **Write a C program to access an Array using pointer variable**

Given an array of integers, marks , denoting the marks scored by students in a class.

* The alternating elements , *marks0, marks2, marks4*,  and so on denote the marks of boys.
* Similarly, *marks1, marks3, marks5* , and so on denote the marks of girls.

The array name, *marks* , works as a pointer which stores the base address of that array. In other words,  contains the address where  is stored in the memory.

**Input Format**

* The first line contains , *number\_of\_students* denoting the number of students in the class, hence the number of elements in  *marks*.
* Each of the  *number\_of\_students* subsequent lines contains *marks* .
* The next line contains *gender*.

**Expected Output**

* int: the sum of marks for boys if gender=b, or of marks of girls if gender=g

**Q2. Write a C program to print characters in a string with capital letter**

**Input Format**  
Input a string to including one or more capital letters: testString

**Expected Output*:*** S

**Q3.** **Write a C program to access the Structure**

Consider the following structure definition:

struct BOX

{

char make [25];

float length, breadth, height;

}

Write a function that takes the address of the BOX structure and returns its volume.