CSE 1111: Structured Programming Language (C), Summer 2021
Class Test 5, Total Marks: 20, Time: 20 Minutes

Q1. Write a program having the structure record (name, id, phone, birthdate) to perform the following operations.   10

  i)   Assign the structure variable **myself** by your own name, id, phone and birthdate.

  ii)   Find your birth year from the birthdate using **myself**

  iii)   Display your information using **myself** on the monitor like the following way

                  My name is: Shakib Al Hasan
                  My student id: 011202018
                  My phone: 0167****641
                  My Birthdate: 20-05-2003
                  My Birthyear: 2003

Q2. Show manual tracing for the following program and find the output.   10

```c
#include<stdio.h>
void change (int *x, int *y, int z) {
        *x=*x+10;
        *y=*y+3;
        z=z+5;
        return;
}
int main(){
        int a=LAST_THREE_DIGIT_OF_YOUR_STUDENT_ID%7;
        int b=LAST_THREE_DIGIT_OF_YOUR_STUDENT_ID/7;
        int c= LAST_THREE_DIGIT_OF_YOUR_STUDENT_ID;
        printf("%d %d %d\n", a, b, c);
        change(&a, &b, c);
        printf("%d %d %d\n", a, b, c);
        return 0;
}
```