

FINAL EXAMINATION
Spring 2020

Course No:	CSE 101 (Sec: 11)
Course Title:	Introduction to Computer Studies

Students Name:	Farjahan Akter Boby
Students ID No:	201014007

Date of examination:	22.04.2020
-----------------------------	------------

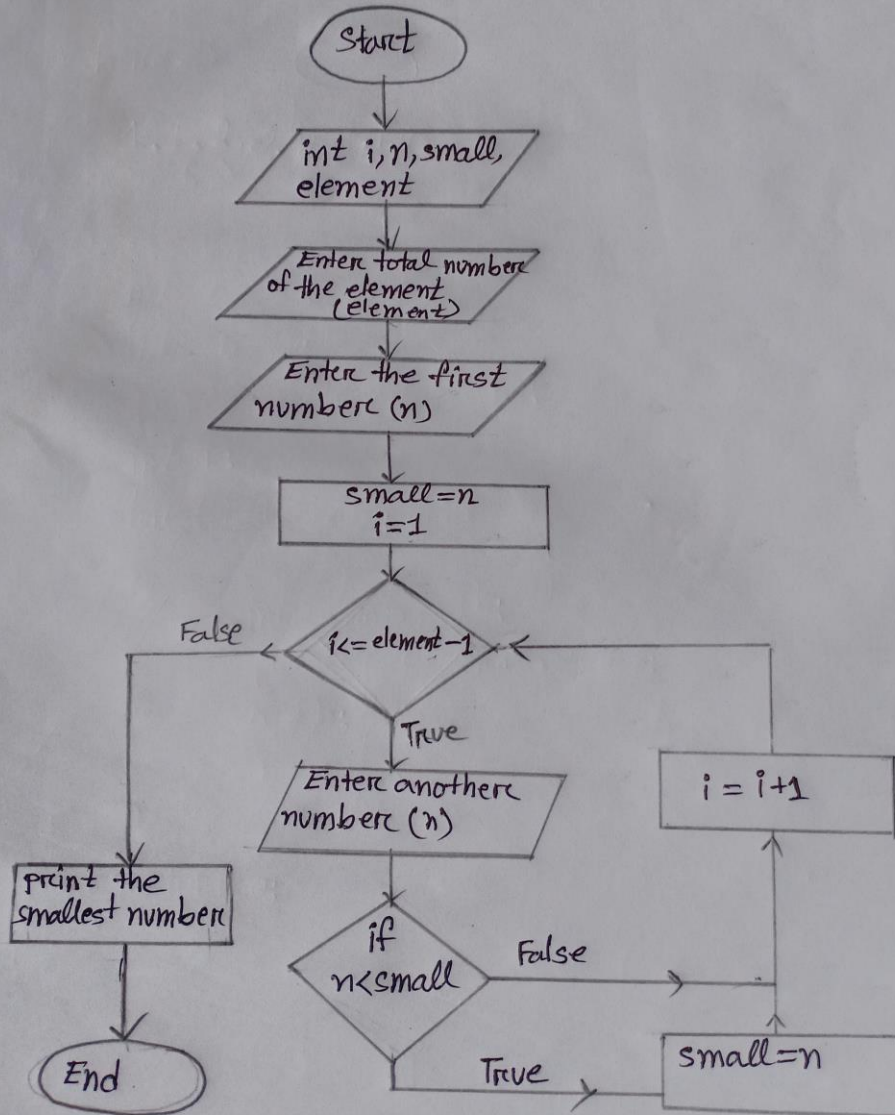
Obtained	25
Total	25



**Signature of the
Examiner**

Task-1

A flowchart to find the smallest among n different numbers entered by user has been drawn below here—



Task - 2

(a)

This program is not correct. There 4 problems were identified. These are —

- ① INT → In line 6, there should be 'int' keyword instead of INT. as C only understands the int datatype written in small case. Otherwise, the program will throw an error.
- ② &a → In the variable of a was not taken from the user, so there should be used the variable name a instead of &a in line 8.
- ③ Sum → As we used the variable name 'sum' in line 12, so we should insert sum variable name using small letter only in line 13.
- ④ a=b → In line 14, ';' should be used after a=b. Otherwise it will show an error.

Task-2

(b)

4 problems were identified in part A. So, the properly working code would be —

```
#include <stdio.h>
int main ( )
{
    int a=1;
    int b=1;
    printf ("%d, %d", a, b);
    int i;
    for (i=0; i<5; i++)
    {
        int sum=a+b;
        printf ("> %d", sum);
        a=b;
        b=sum;
    }
    return 0;
}
```


Task-2

©

The output of the connected program in part B is below here —

1, 1, 2, 3, 5, 8, 13.