

# CSE 101: Introduction to Computer Studies (Sec-9)

Department of Computer Science and Engineering

University of Liberal Arts Bangladesh

Course Title: Introduction to Computer Studies

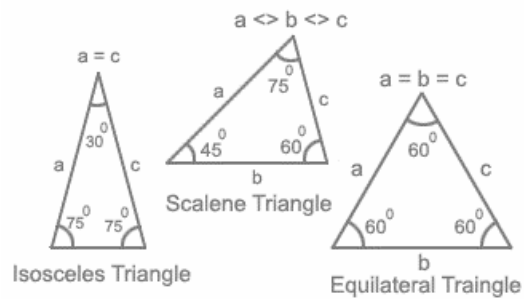
Course Code: CSE 101

Total Marks: 20

Time: 30 minutes

Name: \_\_\_\_\_ ID: \_\_\_\_\_

1. Write a C program that takes three integers as input denoting the three sides of a triangle. First check if the three sides entered form a triangle. If the sides form a triangle then determine if the triangle is Equilateral, Isosceles or Scalene. 12



2. Consider the following code:

```
#include <stdio.h>

int main()
{
    int cp, sp, amt;

    printf("Enter cost price: ");
    scanf("%d", &cp);
    printf("Enter selling price: ");
    scanf("%d", &sp);

    if (sp > cp)
    {
        amt = sp - cp;
        printf("Profit = %d", amt);
    }
    else if (cp > sp)
    {
        amt = cp - sp;
        printf("Loss = %d", amt);
    }
    else
    {
        printf("No Profit No Loss.");
    }

    return 0;
}
```

What will be the output with following set of outputs?

- a) 236,431
- b) 539,462