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| **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:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 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 |
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| 1. 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?   1. 236, 431 2. 539, 462 | 8 |