

**Quiz 3 (CSE115L.12 – Asif Ahmed Nelay)**

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Time 20 minutes, Marks 20 (You need to answer all questions).***Name -******ID -***

1. Write a program in C to find the sum of the series [$x - x^3 + x^5 + \dots$].

Test Data :

Input the value of x :2

Input number of terms : 5

Expected Output :

The values of the series:

2

-8

32

-128

512

The sum = 410

2. Write a program in C to find LCM of any two numbers using HCF.

Test Data :

Input 1st number for LCM: **15**

Input 2nd number for LCM: **20**

Expected Output :

The LCM of 15 and 20 is : **60**

3. What is a structure?

4. How to define structures? (Write Syntax).