Course No.: CSE 1281

Course Title: Computer and Programming Language

Assignment

Full Marks: 05

1. Write down a C program to check whether a number is Armstrong number or not. (A number is an Armstrong number if the sum of the digits raised to its digit number is equal to that number). {After running the code check whether the number consisting of last three digits of your roll is Armstrong number or not}

2. Write down a C program to swap the first and last digit of an integer. {After running the code swap the last and first digit of a number consisting of last 5 digits of your roll number}

3. Write a C program that will take the number of rows as input and create the following pattern:

   1
   2 2
   3 3 3
   4 4 4 4
   5 5 5 5 5

4. Write down a C program that will show smallest three numbers as output by taking 'n' numbers as input. {Here, after running the code the input will be the digits of your roll number}

5. Write down a C program that will take the length of three sides of a triangle as input and decide whether it is right-angled triangle or not.