

**Course No.: CSE 1281**  
**Course Title: Computer and Programming Language**  
**Assignment**  
**Full Marks: 05**

**Instructions:**

- The code should be handwritten in A4 pages.
  - The screenshot of the output should be printed and attached after each code.
  - There should be one single cover page of the whole assignment and the cover page should contain all your information like, roll and name.
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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.