

List of 'C' Programs to be Executed: PART I

- ☐ Write a C program to enter two numbers and perform all arithmetic operations.
- ☐ C program to convert days into years, weeks and days.
- ☐ Write a C program to enter any number and calculate its square root and calculate power (x^y).
- ☐ Write a C program to enter marks of five subjects and calculate total, average and percentage.
- ☐ Write a C program to check whether year is leap year or not using conditional/ternary operator.
- ☐ Write a C program to find maximum between three numbers using conditional/ternary operator.
- ☐ Program to check alphabet, digit or special character
- ☐ Write a C program to check whether a number is negative, positive or zero.
- ☐ Program to check positive, negative or zero.
- ☐ Write a C program to input electricity unit charges and calculate total electricity bill according to the given condition:
 - For first 50 units Rs. 0.50/unit
 - For next 100 units Rs. 0.75/unit
 - For next 100 units Rs. 1.20/unit
 - For unit above 250 Rs. 1.50/unit
 - An additional surcharge of 20% is added to the bill
- ☐ C Program for simple calculator, using switch statement.
- ☐ Write a C program to swap first and last digits of any number.
- ☐ Write a C program to enter any number and calculate sum of its digits.
- ☐ Write a C program to enter any number and find the sum of first and last digit of the number.

'C' Programs list

- ☐ **Write a C program to enter any number and check whether the number is palindrome or not.**
- ☐ **Program to check Armstrong number.**
- ☐ **C program to check whether a number is Strong number or not.**
- ☐ **C program to print all prime numbers between 1 to n.**
- ☐ **C program to find Fibonacci series up to n terms.**

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*       *
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*       *
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- ☐ **Create this Hollow Square**

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    * * *
  * * * * *
* * * * * *
* * * * * * *
* * * * * * * *

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- ☐ **Pyramid (Equilateral triangle)**

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11111
10001
10001
10001
11111

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- ☐ **Create this Number pattern.**
- ☐ **Write a C program to find sum of all array elements.**
- ☐ **Write a C program to merge two array to third array.**
- ☐ **Write a C program to search an element in an array.**
- ☐ **Write a C program to check whether two matrices are equal or not**
- ☐ **Write a C program to add two matrices.**
- ☐ **Write a C program to find sum of each row and column of a matrix.**
- ☐ **C program to sort an array in ascending order**