



Rishabanath K &lt;rishabanath@gmail.com&gt;

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## Task on Functions

1 message

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**Umamageswari D** <umamageswari.d@zohocorp.com>

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To: rishabanath <rishabanath@gmail.com>, sanjayaravinth26 <sanjayaravinth26@gmail.com>, stormsandy91 <stormsandy91@gmail.com>, ruthrafirey <ruthrafirey@gmail.com>, rrvignesh2001 <rrvignesh2001@gmail.com>

### Day-2

### Functions

#### **Task-1**

1. Program to find the sum of n numbers using recursive call.
2. Program to reverse a string using a stack.
3. Program to swap two numbers using pass by address and pass by value.
4. Write a program to find the power of a number  $X^n$  using call by address and call by value.
5. Calculate the volume through inline function.
6. Write a program to find factorial of a number using recursion.
7. Write a C program to calculate power using recursion.
8. Write a program that uses macros to find the maximum and minimum of three numbers.
9. Write a C program that uses a menu showing all the operations done using macros where the operations are
  - a. Find the maximum of two numbers using ternary operator.
  - b. Find the Cube of a numbers where use Square of a number also. Ex: Square(x) \* x;
  - c. Find the Power of a number  $X^n$ .
  - d. Find Product of two numbers without using \* operator.

#### **Task-2**

1. Recursion to print Fibonacci series up to 20.
2. C program to count 1s in a number (get input from user)..
3. Program to print all uppercase alphabets from 'A' to 'Z' using recursion.
4. Reverse a numbers using a recursion

Add three values without using addition operator(+)