Recursion Functions :-

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1) Write a recursive function to find the factorial of a given number..

2) Write a recursive function to print the 'n' fibonacci series numbers.

3) Write a recursive function to find the sum of digits of a given number.

4) Write a recursive function to revese the given number.

5) Write a recursive function to that displays all the proper divisors of a given number exept that and returns their sum.
Ex: 1,3,5,9,15 & 45 are the proper divisors of 45.
sum = 1+3+5+9+15
= 33

6) Write a recursive function that displays a positive integer in words. For ex: if the integer is 3412 then it is displayed as three four one two.

7) Write a recursive function to print first 100 prime numbers.

8) Write a recursive function to print the palindrome numbers in a given numbers.

9) A number is perfect if the sum of all its positive proper divisors is equal to the number. For example 28 is a perfect number since 28 = 1+2+4+14. Write a recursive function that finds whether a number is perfect or not.

10) Write a recursive function to find the largest element in a given Unsorted array.

11) Write a recursive function to reverse the bits of a given number.

12) Write a recursive function to revese the elements of a given array.

13) Write a recursive function to revese the string. (Note : not just reverse printing charecter by charecter)

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