**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 reverse the given number.
5. Write a recursive function to that displays all the proper divisors of a given number

except 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.

1. Write a recursive function to print first 100 prime numbers.
2. 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.

1. Write a recursive function to reverse the elements of a given array.

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

character by character)

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Dear Students, if any mistakes found, kindly inform to me.

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