C AND PYTHON

1.perfect number

2.addition of two numbers using function

3.checking prime number

4.gcd of two numbers

5.star pattern program

6.palindrome number checking

7.fibonacci series for given range

8.factorial of given number

9.factorial of given 3 numbers(using funtion)

10.sum of digits in a given number

11.printing pattern

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12.gcd of 3 numbers

13.convert given decimal to binary number

14.given number is prime number or not

15.ASCII value of given number

16.print factors of a given number

17.print LCM & HCF of 2 numbers

18.print this pattern

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19.largest of 6 numbers

20.print this pattern

A

BC

DEF

GHIJ

KLMNO

PQRSTU

21.add 'n' numbers using array

22.sum of digits in a given number using recursion

23.sum of first and last digits in a given number

24.convert binary to decimal

25.sum of even numbers from 1 to n

26.how to read line of sentence

27.program to compare 2 strings

28.calculate length of string

29.calculate length of string without 'strlen()' function

30.count total number of upper and lower letters in a string

PYTHON CODES

31.

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32.Reverse the string using for loop

33.check given character is vowel or symbol

34.temperature to celsius or vice versa

35.fibonacci series and alternate sum in that list

36.multiplication table

37.pyramid pattern

38.codetantra L32-15

39.codetantra L32-19

40.pascal's triangle

41.sorting in ascending order without sort() and sorted() methods. (selection sort)

42.sorting in descending order without sort() and sorted() methods. (selection sort)

43.pythogorean triples

44.codetantra l22-last

45.diamond pattern

46.Find first duplicate occurance in a list

47.L54-3 codetantra

48.Matrix transpose

49.addition of matrices

50.multiplicaton of matrices

51.words count in a given text

52.alphabetical positions of given string

53.cristmas tree (triangle)

54.how many times a substring present in a string

55.sum of prime,sum of even, sum of odd in a given number

56.find given braces are balanced are not

57.numerical diamond

58.pattern

1

2\*3

4\*5\*6

7\*8\*9\*10

7\*8\*9\*10

4\*5\*6

2\*3

1

59.Take the list of integers from user, print first of the list in ascending order and another half of the list in descending order

60.find nth sum of the series (1+2+6+24+120+720+....n)

61.find nth value of series (1,2,1,3,2,5,3,7,5,11,.....n)

62.secret message

63.print all permutations of a given string

64.determinant of square matrix

65.love symbol pattern

66.

>take the input from the user in the given format (name:code,name1:code1,.........)

>find the max digit in the each code then return that digit position of the character in the name, if all digits in code are greater than length of name then return 'X' else neglect the neglect that digits . repeat the same process for all given names and codes

>print all returned characters

'''input&output:'''

enter input: dreambig:1234,python:6789,numpy:9999

password: anX

67.