**Problem Statements**

1. Write a program to input two number, starting & ending. Print list of leap years in between starting & ending number.  
   A leap year is exactly divisible by 4 except for century years (years ending with 00). The century year is a leap year only if it is perfectly divisible by 400.

**For example,**1999 is not a leap year2000 is a leap year2004 is a leap year

1. Write a program to input a number and print factorial of that number on screen.   
   factorial of n (n!) = 1 \* 2 \* 3 \* 4....n
2. Write a program to print Fibonacci sequence. Take number of terms as input from user.   
   The Fibonacci sequence is a sequence where the next term is the sum of the previous two terms. The first two terms of the Fibonacci sequence are fixed i.e., 0 and 1.  
   Fibonacci sequence: 0, 1, 1, 2, 3, 5, 8, 13, 21….
3. Write a program to input two numbers from user & print LCM & HCF of both numbers
4. Write a program to take a number & output number of digits of the number.
5. Write a program to calculate power of a number. Take both numbers, number & exponent, from user as input.