**Problem Statements**

1. Write a program to input a number from user and check whether the number is a Strong number or not.  
     
   Strong number is a special number whose sum of factorial of digits is equal to the original number.  
   For example: 145 is strong number. Since, 1! + 4! + 5! = 145
2. Write a program to print all Prime numbers between 1 to n using loop. Also print sum of all prime numbers in the provided range. Take n as input from user.
3. Write a program to input a number from user and find Prime factors of the given number.   
    **Example:**  
    Input any number: 10  
   **Output:** Prime factors of 10 are: 2, 5
4. Write a program to print sum of prime factors of numbers in a range between ***k*** and ***n***. Take ***k*** and ***n*** as input from user
5. Write a program to find all Perfect numbers between 1 to ***n***. Take ***n*** as input from user.

Perfect number is a positive integer which is equal to the sum of its proper positive divisors.  
**Example:**

6 is the first perfect number because,

Proper divisors of 6 are 1, 2, 3

Sum of its proper divisors = 1 + 2 + 3 = 6.

Hence 6 is a perfect number.