Beginner Problem Sheet 3

1. What is Fibonacci Sequence. REFER :
   https://byjus.com/maths/fibonaccisequence/ .Write a program to
   print the Fibonacci Series up to 'N' terms. Take the number 'N' as
   input
2. What is Factors and Multiples ? REFER:
   https://byjus.com/maths/factors-and-multiples/#:~:text=A%20factor
   %20is%20a%20number,given%20number%20with%20other%20n
   umbers
3. Write a program to find all the factors of a given Number 'N'. Take
   the number as input.
4. Write a program to print the multiplication table of a number 'N'
   from 1 to 10. Take the number 'N' as input.
5. Study about Greatest Common Divisor. REFER:
   https://byjus.com/maths/greatest-common-divisor/#:~:text=The%2
   0greatest%20common%20divisor%20
6. Study about Least Common Multiples. REFER:
   https://byjus.com/maths/lcm/#:~:text=In%20Mathematics%2C%20t
   he%20LCM%20of,called%20the%20divisors%20of%2020
7. Write a Program to find GCD and LCM of two numbers.
8. What is Perfect Number. REFER:
   https://byjus.com/maths/perfect-numbers/ Write a Program to find
   whether a Number is Perfect or not.
9. Study about Prime Numbers. REFER :
   https://byjus.com/prime-numberformula/. Write a Program to find
   whether a Number is Prime or Not.
10. Study about co-prime Numbers. REFER :
    https://byjus.com/maths/co-prime-numbers/#:~:text=Q1-,What%20
    are%20Co%2Dprime%20Numbers%3F,common%20factor%20oth
    er%20than%201. Write a Program to Check whether two numbers
    are co-prime. Take two Numbers as Input