

1. Write a program that takes a number as input and prints out whether it is an odd or an even number.
2. Write a program that takes 3 numbers as input and outputs the greater of the 3 numbers.
3. Write a program that takes two numbers as input and finds out the GCD (greatest common divisor) of the two numbers using the Euclidean algorithm. (*Use while loop*)
4. The factorial of a non-negative integer N, denoted by N!, is the product of all positive integers less than or equal to N.

$$5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$$

Write a program that takes a non-negative integer N as input and prints out its factorial. (*Use while loop*)

# Home-work

1. Write a program that takes a number as input and prints out whether it is a prime number or not. (*Use while loop*)