Laboratory Session : March 9, 2023

Exercise 1 - Fibonacci

- write a function that computes and returns the n-th Fibonacci number.

Exercise 2 - GCD

- Compute the greatest common divisor of two integers using Euclid's algorithm [1].

Exercise 3 - Integer decomposition

- Given a positive integer number, decompose it, with a list of products of prime numbers. Use one of the algorthms described here [2].

References

[1] Euclidean algorithm, https://en.wikipedia.org/wiki/Euclidean_algorithm

[2] Integer factorization and prime numbers decomposition, https://en.wikipedia.org/wiki/Integer_factorization