

Solving simple problems with Python



Objectives

Using Python to solve simple problems

- Implement simple programs using Python
- Solve simple problems using conditional statements and loops



Requirements

Solve the following problems:

- 1) Given 2 integers, return True if one of them is 10 or if their sum is 10.
- 2) Compute the sum of the first n natural numbers.
- 3) Compute the sum of the first n even natural numbers.
- 4) Verify if a given number is perfect square.
- 5) Verify if a given number is prime.
- 6) Print all prime numbers smaller than a given n .
- 7) Find the highest prime number, smaller than a given n .
- 8) Compute the sum of all prime numbers from $[n, m]$.