

Solve simple problems in 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 two 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]**.