# Programming Fundamentals and Unit Testing

# Retake Exam – 20 December 2023

Submit your solution here: <https://judge.softuni.org/Contests/Practice/Index/4511#0>

# 1. Calculate Sum Prime Numbers

Write a program that:

* Reads an **integer number N (count of the numbers)** from the console
* For each number (from first to the last (N)): read from the console number's value **(integer number)**
* Calculate the **sum of the prime numbers only**
* Print the **calculated** **sum**

### Example Input / Output

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 5  10  11  3  6  13 | 27 | Total numbers count: 5  First number: 10  Second number: 11  Third number: 3  Forth number: 6  Fifth number: 13  Sum of the prime numbers: 11 + 3 + 13 = 27 |
| 3  9  7  5 | 12 | Total numbers count: 3  First number: 9  Second number: 7  Third number: 5  Sum of the prime numbers: 7 + 5 = 12 |