# Programming Fundamentals and Unit Testing Regular Exam – 7 July 2024

Submit your solution here: [link](https://judge.softuni.org/Contests/Compete/Index/4809#0)

# 1. Nutrition and Caloric Intake Analysis

Write a program that:

* Reads **an integer number N (count of the food items)** from the console.
* For **each food item (from first to the last (N))**:
  + Read from the console **the caloric value (integer number) of the food item**.
  + **Calculate the cumulative caloric intake after adding each food item**.
  + **Print the cumulative caloric intake on a separate line**.
  + **In case of N equal to or less than zero should print zero as result**.

## Example Input / Output

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 5  250  300  150  200  100 | 250  550  700  900  1000 | Total food items count: 5  First item: 250 calories  Cumulative intake: 250  Second item: 300 calories  Cumulative intake: 250 + 300 = 550  Third item: 150 calories  Cumulative intake: 550 + 150 = 700  Fourth item: 200 calories  Cumulative intake: 700 + 200 = 900  Fifth item: 100 calories  Cumulative intake: 900 + 100 = 1000 |
| 3  120  400  250 | 120  520  770 | Total food items count: 3  First item: 120 calories  Cumulative intake: 120  Second item: 400 calories  Cumulative intake: 120 + 400 = 520  Third item: 250 calories  Cumulative intake: 520 + 250 = 770 |
| 1  0 | 0 | Total food items count: 1  First item: 0 calories  Cumulative intake: 0 |