# Programming Fundamentals and Unit Testing Regular Exam – 2 March 2025

Submit your solution here: <https://judge.softuni.org/Contests/5375/Programming-Fundamentals-and-Unit-Testing-Regular-Exam-2-March-2025>

# 2. Average and Total Rainfall

Write a program that:

* Reads an **array with daily rainfall amounts** (**integer numbers in millimeters, separated by a single space**) from the first line of the console.
* Reads an **integer number N** (**start day**) from the second line of the console.
* Reads an **integer number M** (**end day**) from the third line of the console.
* **Finds the total and average rainfall in the array from the start day to the end day (both days are inclusive).**
* **Prints the total rainfall.**
* **Prints the calculated average rainfall, formatted to the second digit after the decimal point.**

**Hint:** Think about the division. You should get a real (double) number for a result.

## Example Input / Output

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 5 10 15 20 25 30  1  4 | 70  17.50 | Start day is 1.  End day is 4.  Rainfall amounts between day 1 and day 4 are: 10, 15, 20, 25.  Total rainfall is: 10 + 15 + 20 + 25 = 70  Average rainfall is: 70 / 4 = 17.50. |
| 10 15 20 25 30 35  0  2 | 45  15.00 | Start day is 0.  End day is 2.  Rainfall amounts between day 0 and day 2 are: 10, 15, 20.  Total rainfall is: 10 + 15 + 20 = 45  Average rainfall is: 45 / 3 = 15.00. |