# C++ Fundamentals – Retake Exam – 17 December 2023

Please submit your source code to all below-described problem in [Judge](https://judge.softuni.org/Contests/4436/CPlusPlus-Fundamentals-Retake-Exam-17-December-2023).

## Min Max Average

Write a program that:

* Read an **integer number N**, which is the number of the **integer numbers** that will follow. **N** will be between **2** and **100**;
* Determine **the maximum of all elements at odd positions**, **the minimum of all elements on even positions**, and **the math average of all elements**;
* Print out **the three numers on one line**, formatted with **exactly two digits after the decimal point**.
* Print out **all the original input numbers** in **reverse order** on the line, separated by single space.

### Examples

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| **Input** | **Output** | **Explanation** |
| 8  2 1 -2 3 4 5 6 7 | 7.00 -2.00 3.25  7 6 5 4 3 -2 1 2 | The elements at the odd positions are 1 3 5 7. Their maximum is 7.  The elements at the even positions are 0 2 4 6. Their minimum is -2.  The average of all is 3.25, rounded by two numbers is 3.25.  The initial numbers in reverse order are 7 6 5 4 3 -2 1 2. |

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| **Input** | **Output** | **Explanation** |
| 11  -4 3 8 35 2 8 32 2 3 12 2 | 35.00 -4.00 9.36  2 12 3 2 32 8 2 35 8 3 -4 | The elements at the odd positions are 3 35 8 2 12. Their maximum is 35.  The elements at the even positions are -4 8 2 32 3 2. Their minimum is -4.  The average of all is 9,3636363636, rounded by two numbers is 9.36.  The initial numbers in reverse order are 2 12 3 2 32 8 2 35 8 3 -4. |