# Problem 2 – Odd / Even Elements

You are given **N numbers**. Calculate the **sum**, **min** and **max** of its **odd elements** and **sum**, **min** and **max** of its **even elements.** Consider that the first element is odd, the second is even, etc.

## Input

The input data should be read from the console. It will consists of exactly one line.

* At the first line **N numbers** will be given, separated one from another by a single **space**.

The input data will always be valid and in the format described. There is no need to check it explicitly.

## Output

You have to print the output in a single line at the console in the following format:

* **OddSum=…, OddMin=…, OddMax=…, EvenSum=…, EvenMin=…, EvenMax=…**

Print the numbers in the output without any unneeded trailing zeroes (i.e. print 1.5 instead of 1.50; 1 instead of 1.00). In case the sum, the minimal or the maximal element cannot be calculated (due to missing data), print "**No**".

## Constraints

* All numbers in the input will be in the range [-1 000 000 … 1 000 000], with no more than 10 digits (total, before and after the decimal point). The decimal separator in the non-integer numbers will be '**.**' and the numbers will have up to 2 digits after the decimal separator.
* The count N of the numbers in the input is in the range [0 … 1000].
* All numbers in the output should be formatted **without unneded trailing zeroes**.
* Allowed work time for your program: 0.1 seconds.
* Allowed memory: 16 MB.

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 2 3 5 4 2 1 | OddSum=9, OddMin=2, OddMax=5, EvenSum=8, EvenMin=1, EvenMax=4 |
| 3 -2 8 11 -3 | OddSum=8, OddMin=-3, OddMax=8, EvenSum=9, EvenMin=-2, EvenMax=11 |
| 1 | OddSum=1, OddMin=1, OddMax=1, EvenSum=No, EvenMin=No, EvenMax=No |
| 1.5 -2.5 | OddSum=1.5, OddMin=1.5, OddMax=1.5, EvenSum=-2.5, EvenMin=-2.5, EvenMax=-2.5 |
| 1.5 1.75 1.5 1.75 | OddSum=3, OddMin=1.5, OddMax=1.5, EvenSum=3.5, EvenMin=1.75, EvenMax=1.75 |