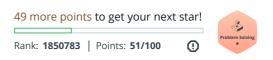






# Plus Minus \*



### Your Plus Minus submission got 10.00 points.

nare

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You are now 49 points away from the 2nd star for your problem solving badge.

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Given an array of integers, calculate the ratios of its elements that are positive, negative, and zero. Print the decimal value of each fraction on a new line with **6** places after the decimal.

**Note:** This challenge introduces precision problems. The test cases are scaled to six decimal places, though answers with absolute error of up to  $10^{-4}$  are acceptable.

#### Example

$$arr = [1, 1, 0, -1, -1]$$

There are n=5 elements, two positive, two negative and one zero. Their ratios are  $\frac{2}{5}=0.400000$ ,  $\frac{2}{5}=0.400000$  and  $\frac{1}{5}=0.200000$ . Results are printed as:

0.400000

0.400000

0.200000

### **Function Description**

Complete the plusMinus function in the editor below.

plusMinus has the following parameter(s):

• int arr[n]: an array of integers

#### Print

Print the ratios of positive, negative and zero values in the array. Each value should be printed on a separate line with **6** digits after the decimal. The function should not return a value.

## Input Format

The first line contains an integer, **n**, the size of the array.

The second line contains n space-separated integers that describe arr[n].

#### Constraints

$$0 < n \le 100$$

$$-100 \le arr[i] \le 100$$

## **Output Format**

**Print** the following **3** lines, each to **6** decimals:

1. proportion of positive values

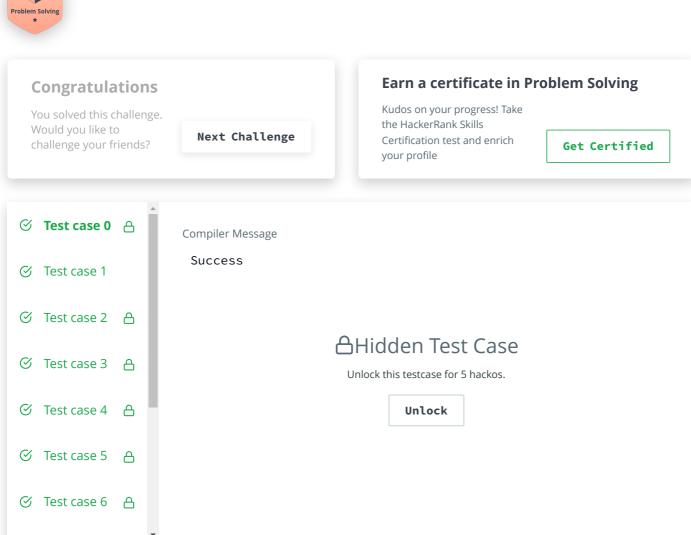


```
Change Theme Language Python 3
                                                                              10
 1
     #!/bin/python3
 2
 3
    import math
 4
     import os
 5
     import random
 6
     import re
    import sys
 7
 8
 9
     # Complete the 'plusMinus' function below.
10
11
    # The function accepts INTEGER_ARRAY arr as parameter.
12
13
14
15
    def plusMinus(arr):
         # Write your code here
16
17
         n = len(arr)
         if (n>0) and (n<=100):
18
19
             neg=0
20
             zero=0
21
             pos=0
             for i in range(n):
22
                if (arr[i] < 0):
23
                                                                                 Line: 19 Col: 14
                                                                    Run Code
                                                                                  Submit Code
Test against custom input
```



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30% 51/100



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