

P. Average Earning

Time Limit: 3 seconds

Problem description

After the work on Jack Ma class, Nam learned more about finance with Warrant Bốc Phét and he do a lot of trading on Bit coins market places. By using online tools, he can collect some dataitems for each investment duration in which he traded a kind of coin. He is a positive guy, so he doesn't care much about his lost, he focuses on average earning. Once again, he asked an IT guy to help him, and because he knows you are doing programming contest today, he contributed to this contest this problem.

Input:

N: An integer represents the number of dataitems ($0 \leq N < 1001$)

Next N integer numbers VALUE indicating trading dataitem where non-negative number is earned value and negative one is lost. ($0 \leq \text{VALUE} \leq 1000000001$)

Output:

A floating number represent the average earning of an investment duration.

Your answer will be considered correct if its absolute or relative error doesn't exceed 10^{-2} .

In case no earning, return average is 0.00.

Example 1:

Input	Output
0	0.00

Example 2:

Input	Output
9 -43 -13 -42 44 58 -95 -59 -63 76	59.33

Example 3:

Input	Output
53 -200 -558 -498 -528 -200 411 951 -106 -145 -546 552 975 480 -95 278 -427 388 312 256	460.76

186 72 618 -631 160 325 679 -884 -153 - 877 387 308 -110 -742 396 -730 913 209 - 933 268 -732 905 -126 -932 808 829 605 - 49 259 103 268 461 -118 -719	
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