

Volumes Average

Your task is to write a short program that takes in input N numbers that are volumes (cubic meters) of N flats and calculate the average of their volumes.

Input

The first line contains a number N that is the expected numbers to take in input.

The second line contains all the N numbers divided by space " ".

Output

The output contains X the average.

Sample input

Sample output

3 4.56 3.23 6.77	4.85333
4 34.4 5.456 3.81 1.24	11.2265
3 2.22 3.33 4.44	3.33