

Finding the percentage

You have a record of N students. Each record contains the student's name, and their percent marks in Maths, Physics and Chemistry. The marks can be floating values. The user enters some integer N followed by the names and marks for N students. You are required to save the record in a dictionary data type. The user then enters a student's name. Output the average percentage marks obtained by that student, correct to two decimal places.

Input Format

The first line contains the integer N , the number of students. The next N lines contains the name and marks obtained by that student separated by a space. The final line contains the name of a particular student previously listed.

Constraints

- $2 \leq N \leq 10$
- $0 \leq Marks \leq 100$

Output Format

Print one line: The average of the marks obtained by the particular student correct to 2 decimal places.

Sample Input

```
3
Krishna 67 68 69
Arjun 70 98 63
Malika 52 56 60
Malika
```

Sample Output

```
56.00
```

Explanation

Marks for Malika are $\{52, 56, 60\}$ whose average is $\frac{52+56+60}{3} \Rightarrow 56$