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Finding the percentage

by **harsh_beria93**

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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 $\frac{52+56+60}{3} \Rightarrow 56$

f   y   in

Submissions: 21589

Max Score: 10

Difficulty: Easy

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| **Current Buffer** (saved locally, editable)   ⅄ ⏲ | Python 2 ∨ ⤢ ⚙ |

```
1   # Enter your code here. Read input from STDIN. Print output to STDOUT
2   n = input()
```

```
 3
 4  final_dict = {}
 5
 6 ▼for i in range(0,n):
 7      str = raw_input()
 8      temp_str = str.split()
 9      name = temp_str[0]
10      maths = float(temp_str[1])
11      physics = float(temp_str[2])
12      chemistry = float(temp_str[3])
13      percent = float((maths+physics+chemistry)/3)
14      final_dict.update({name : '%.2f' % percent})
15
16  val = raw_input()
17
18 ▼print (final_dict.get(val))
19
20
21
```

Line: 18 Col: 32

⬆ Upload Code as File   ☐ **Test against custom input**   Run Code   Submit Code

Congrats, you solved this challenge!

✔ Test Case #0	✔ Test Case #1	✔ Test Case #2
✔ Test Case #3	✔ Test Case #4	✔ Test Case #5
✔ Test Case #6	✔ Test Case #7	✔ Test Case #8

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