



Finding the percentage ☆

5 more points to get your next star!

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Problem

Submissions

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Tutorial

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 0

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

Sample Output 0

```
56.00
```

Explanation 0

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

Sample Input 1

```
2
Harsh 25 26.5 28
Anurag 26 28 30
Harsh
```

Sample Output 1

```
26.50
```

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Python 3



```
1  if __name__ == '__main__':
2      n = int(input())
3      student_marks = {}
4      for _ in range(n):
5          name, *line = input().split()
6          scores = list(map(float, line))
7          student_marks[name] = scores
8      query_name = input()
9      average= student_marks[query_name]
10     print('%.2f' %((sum(average))/(len(average))))
11
```

Line: 10 Col: 47

[Upload Code as File](#)☐ Test against custom input

Run Code

Submit Code

Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

☒ Test case 0☒ Test case 1☒ Test case 2☒ Test case 3☒ Test case 4☒ Test case 5☒ Test case 6

Compiler Message

Success

Input (stdin)

```
1  3
2  Krishna 67 68 69
3  Arjun 70 98 63
4  Malika 52 56 60
5  Malika
```

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Expected Output

```
1  56.00
```

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