Finding the percentage ☆

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Rank: **46720** | Points: **255/400**

Problem Submissions Leaderboard Editorial 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
```

Python 3

```
if __name__ == '__main__':
    n = int(input())
    student_marks = {}
    for _ in range(n):
        name, *line = input().split()
        scores = list(map(float, line))
        student_marks[name] = scores
    query_name = input()
    print("{0:.2f}".format(sum(student_marks[(query_name)]) / 3))
```

Line: 11 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

Facing any Issues? Let us know!

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