



Finding the percentage ☆

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The provided code stub will read in a dictionary containing key/value pairs of name:[marks] for a list of students. Print the average of the marks array for the student name provided, showing 2 places after the decimal.

Example

marks key:value pairs are

'alpha': [20, 30, 40]

'beta': [30, 50, 70]

query_name = 'beta'

The query_name is 'beta'. beta's average score is $(30 + 50 + 70)/3 = 50.0$.

Input Format

The first line contains the integer n , the number of students' records. The next n lines contain the names and marks obtained by a student, each value separated by a space. The final line contains query_name, the name of a student to query.

Constraints

- $2 \leq n \leq 10$
- $0 \leq marks[i] \leq 100$
- length of marks arrays = 3

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 n=int(input())
2 student_dict=dict()
3 for i in range(n):
4     inputs=input().split()
5     name=inputs[0]
6     marks=list(map(float,inputs[1:]))
7     student_dict[name]=marks
8
9 average=sum(student_dict[input()])/3
10 print('%.2f' % average)
11
12
```

Line: 12 Col: 1

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41%

155/220



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Compiler Message

Success

Input (stdin)

```
1 3
2 Krishna 67 68 69
3 Arjun 70 98 63
```

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✓ Test case 4

✓ Test case 5

✓ Test case 6

4Malika525660

5Malika

Expected Output

156.00

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