

[All Contests](#) > [Contest1BigData2022Python](#) > Finding the percentage

Finding the percentage

locked

Problem

Submissions

Leaderboard

Discussions

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

[f](#) [t](#) [in](#)

Submissions: 9

Max Score: 10

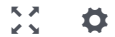
Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

[More](#)

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  
10    #print(student_marks)  
11    #print(query_name)  
12  
13    Sscores = student_marks[query_name]  
14  
15    #print(Sscores)  
16  
17    x = 0  
18    y = 0  
19    for i in range(0, len(Sscores)):  
20        x = x + Sscores[i]  
21        y = y + 1  
22    avg = (x/y)  
23  
24    print(format(avg, '.2f'))
```

Line: 24 Col: 30

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

[Run Code](#)

[Submit Code](#)