Finding the percentage

Problem Submissions

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
```

Solved: 1332
Attempted: 1336

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
```

Contest ends in 1 day 6 hours 24 minutes 19 seconds

Submissions: 1012
Max Score: 50

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Current Buffer (saved locally, editable)

Python 3

```python
dic = {}
t = int(input())
while t > 0:
    a= [x for x in input().split()]
    # print(a)
    for i in a:
        if a[0] not in dic:
            dic[a[0]] = []
        else:
            dic[a[0]].append(float(i))
    t -= 1
search = input()
# print(dic)
answer = 0
for i in dic[search]:
    # print(i,end = " ")
    answer += i
answer /= 3

print('%.2f'%answer)
```

Line: 20 Col: 21

Upload Code as File

Test against custom input

Run Code

Submit Code