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
```

Submissions: 9
Max Score: 10
Difficulty: Easy

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Python 3

```python
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(student_marks)
    #print(query_name)

    Sscores = student_marks[query_name]

    #print(Sscores)

    x = 0
    y = 0
    for i in range(0,len(Sscores)):
        x = x + Sscores[i]
        y = y + 1
    avg = (x/y)

    print(format(avg, '.2f'))
```

Line: 24 Col: 30

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