

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.

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 $\frac{52+56+60}{3} \Rightarrow 56$