## Problem

[**collections.namedtuple()**](https://docs.python.org/2/library/collections.html#collections.namedtuple)

Basically, *namedtuples* are easy to create, lightweight object types.  
They turn tuples into convenient containers for simple tasks.  
With *namedtuples*, you don’t have to use integer indices for accessing members of a tuple.

**Example**

**Code 01**

>>> from collections import namedtuple

>>> Point = namedtuple('Point','x,y')

>>> pt1 = Point(1,2)

>>> pt2 = Point(3,4)

>>> dot\_product = ( pt1.x \* pt2.x ) +( pt1.y \* pt2.y )

>>> print dot\_product

11

**Code 02**

>>> from collections import namedtuple

>>> Car = namedtuple('Car','Price Mileage Colour Class')

>>> xyz = Car(Price = 100000, Mileage = 30, Colour = 'Cyan', Class = 'Y')

>>> print xyz

Car(Price=100000, Mileage=30, Colour='Cyan', Class='Y')

>>> print xyz.Class

Y

**Task**

Dr. John Wesley has a spreadsheet containing a list of student's IDs, marks, class and name.

Your task is to help Dr. Wesley calculate the average marks of the students.

Average = sum of all marks / total students

**Note:  
1. Columns can be in any order. IDs, marks, class and name can be written in any order in the spreadsheet.  
2. Column names are**ID**,**MARKS**,**CLASS**and**NAME**. (The spelling and case type of these names won't change.)**

**Input Format**

The first line contains an integer N, the total number of students.  
The second line contains the names of the columns in any order.  
The next N lines contains the marks, IDs, name and class, under their respective column names.

**Constraints**

0 < N <= 100

**Output Format**

Print the average marks of the list corrected to 2 decimal places.

**Sample Input**

**TESTCASE 01**

5

ID MARKS NAME CLASS

1 97 Raymond 7

2 50 Steven 4

3 91 Adrian 9

4 72 Stewart 5

5 80 Peter 6

**TESTCASE 02**

5

MARKS CLASS NAME ID

92 2 Calum 1

82 5 Scott 2

94 2 Jason 3

55 8 Glenn 4

82 2 Fergus 5

**Sample Output**

**TESTCASE 01**

78.00

**TESTCASE 02**

81.00

**Explanation**

**TESTCASE 01**

Average = (97 + 50 + 91 + 72 + 80) / 5

*Can you solve this challenge in 4 lines of code or less?*  
**NOTE**: There is no penalty for solutions that are correct but have more than 4 lines.

## Solution

# Enter your code here. Read input from STDIN. Print output to STDOUT

from collections import namedtuple

N = int(input())

fields = input().split()

total = 0

for i in range(1,N+1):

    students = namedtuple('student',fields)

    field1, field2, field3,field4 = input().split()

    student = students(field1,field2,field3,field4)

    total += int(student.MARKS)

print(total/N)