



Problem Freshman

Time Limit 1 second

Problem

In ASTU the first semester of the freshman year includes 6 courses:

The credit hours for the 6 courses is:-

Maths - 4

Physics - 3

Chemistry - 3

Civic - 3

English - 3

Python – 3

Scale:

A = 4

B = 3

C = 2

D = 1

F = 0

Given the Grade of a student for each course. Your task is to calculate the GPA of the student using the scale given above.

To Calculate GPA find the mean of the grades by using credit hours as a frequency. Multiply Grade scale by a credit hours for each course, and add all of them, the last step is divide the cumulative result by the total number of credit hours.

The grade for each course is given in the above order of Maths, Physics, Chemistry, Civic, English, Python.



Input

The input is a one line input containing a list of Grades for the 6 courses separated by a space.

Output

Display the students GPA from the given list of Grades. The result must be in TWO decimal places

Sample Input 1	Sample Output 1
A B C D C A	2.74

Sample Input 2	Sample Output 2
B A C D C A	2.68