Description

Please, proceed to Average class and write a program that reads a sequence of integer values from standard input and finds the average value.

Details:

You must read sequence values until the next one is 0. Zero value means end of the input sequence.

The sequence is guaranteed to contain at least one value.

Average value is also an integer. Use integer operations.

Examples

Input: 1 2 3 4 5 0

Output: 3

Input: 1 2 3 4 6 0

Output: 3

Input: 1 2 3 4 0

Output: 2

Input: 1 1 9 0

Output: 3

import java.util.Scanner;

public class Average {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int c=0;

int sum=0;

while(true) {

int a = scanner.nextInt();

if (a==0) {

break;

}

sum+=a;

c++;

}

System.out.println(sum/c);

}}