

Problem F. Sequence mean

Find the average of all elements in a 0-terminated sequence.
You cannot use arrays in this task.

Input data

A sequence of integers is introduced, ending with the number 0 (the number 0 itself is not included in the sequence, but serves as a sign of its end.

Output

Print the answer to the problem.

Examples of input data

1
7
9
0

output

5.666666666667

```
int N;  
double averageNum = 0;  
int counterNum = 0;  
// Has not encountered divisor  
//int status = 0; // Status has not encountered divisor  
// Find average of all elements inputed  
//  
while (1) {  
    std::cin >> N;  
    if ( N == 0) {  
        break;  
    }  
    else {  
        averageNum = averageNum + N;  
        counterNum++;  
    }  
}  
  
double result;  
result = averageNum / counterNum;  
//result = (double)averageNum / (double)counterNum;  
std::cout << result << std::endl;
```



```
while(1)  
{  
    cin>>....  
    if(zero)  
    {  
        break;  
    }  
}
```