- **EASY**
- **Max Score: 30 Points**

Add average to array

Given an array, find the average of all elements of the array. Return the answer and round it off to two decimal places.

Input Format

Input consists of two lines.

First line is the size n of the array.

Second line denotes n spaced integers representing the array.

Output Format

Average of all the numbers in the array. It should be in rounded off to two decimal places

Example 1

Input

```
5
1 2 3 4 5
```

Output

```
3.00
```

Explanation

The sum of all elements of the array is 15 and the number of elements in the array is 5. So, the average is 15/5 = 3. Rounding it to two decimal places gives 3.00

Example 2

Input

```
41
26 3 21 42 49 49 45 46 35 37 47 25 2 17 5 38 13 9 39 15 9 43 32 47 33 7 25 38 22 17 46 45
30 44 38 26 32 16 40 25 27
```

Output

```
29.39
```

Constraints

```
1<= n <= 1000
```

My code

```java
// n java
import java.util.*;
class Solution{
static double average(int a[], int n)
    {

    // Your code here
            double sum=0;
            for(int i=0;i<n;i++)
                    sum+=a[i];
            double t=sum/n;
```

```java
            return t;
        }
    }
public class Main {
        public static void main(String[] args) {
                Scanner sc = new Scanner(System.in);
                int n = sc.nextInt();
                int[] mat = new int[n];
                for (int i = 0; i < n; i++) {
                        mat[i] = sc.nextInt();
                }
                double res = Solution.average(mat, n);
                System.out.format("%.2f", res);
        }
}
```