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Description

Elements Smaller than Average

Program Description

Given an array, find the number of elements in the array that are smaller than or equal to the average value of the array.

Note: Average value of the array means, the average of elements in the given array consider only floor Divison value for the average.

Input Format

First-line contains an integer 'N' which indicates the length of the Array.

Next line contains 'N' array elements.

Output Format

Display the count of elements.

Constraints

$1 \le N \le 100$

Input-1

6

2 5 3 7 4 6

Output-1

3

Input-2

7

1 2 3 4 5 6 7

C - GCC 11.1.0 ▾   ⏱ Timer   0:09 sec   ☾ ↻ ⌞⌝

```c
1    #include<stdio.h>
2    int main()
3    {
4        int n,a[100],s=0,count=0;
5        float A;
6        scanf("%d",&n);
7        for(int i=0;i<n;i++){
8            scanf("%d",&a[i]);
9            s+=a[i];
10       }
11       A=(float)s/n;
12       for(int i=0;i<n;i++){
13           if(a[i]<=A)
14           count++;
15       }
16       printf("%d",count);
17       return 0;
18   }
```

</> Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	6 2 5 3 7 4 6	6 2 5 3 7 4 6	3	3	1408 KB	3.448 ms	Pass
2	9 12 54 76 33 98 3 5 22 9	9 12 54 76 33 98 3 5 22 9	6	6	1408 KB	2.566 ms	Pass

All hidden testcases passed

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