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Description

Elements greater than average

Program Description

Find the number of elements in the array that are greater than or equal the average of the array.

Note: Average of the array means the average of elements in that array. Take only floor divison value for average of elements.

Input Format

First-line contains an integer 'N' which indicates the length of the array. Next line contains 'N' array elements.

Output Format

Display count of elements.

Constraints

$1 \le N \le 100$

Input-1

7

1 2 3 4 5 6 7

Output-1

4

Input-2

7

1 2 3 4 5 6 7

C - GCC 11.1.0 ▾   Timer   0:08 sec

```c
#include<stdio.h>
int main()
{
    int n,count=0,a[100],s=0;
    scanf("%d",&n);
    for(int i=0;i<n;i++)
    {
        scanf("%d",&a[i]);
        s+=a[i];
    }
    int A=s/n;
    for(int i=0;i<n;i++)
    {
        if(a[i]>=A)
        count++;
    }
    printf("%d",count);
    return 0;
}
```

</> Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	9 12 54 76 33 98 3 5 22 9	9 12 54 76 33 98 3 5 22 9	3	3	1408 KB	3.536 ms	Pass
2	14 22 3 54 76 34 9 22 44 5 1 8 42 98 22	14 22 3 54 76 34 9 22 44 5 1 8 42 98 22	6	6	1408 KB	2.507 ms	Pass

All hidden testcases passed