

My Maya

Owl Code



Apt Logic

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Points: 20

Submissions: 2138



### Description

#### Average element is in Array or Not

##### Program Description

Find out the integer average of the given Array is presented as the list element or not, if it is present in array return True otherwise False.

##### Input Format

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

Next line contains 'N' Array elements.

##### Output Format

Display True or False

##### Constraints

$1 \leq N \leq 100$

Input-1

5  
10 11 13 14 15

Output-1

False

Input-2

7  
1 2 3 4 5 6 7

Output-2

True

C - GCC 11.1.0 ▾

Timer 0:19 sec



Light

```
1 #include<stdio.h>
2 int main()
3 {
4     int n,a[100],s=0;
5     scanf("%d",&n);
6     for(int i=0;i<n;i++)
7     {
8         scanf("%d",&a[i]);
9         s+=a[i];
10    }
11    int A=s/n;
12    int flag=0;
13    for(int i=0;i<n;i++)
14    {
15        if(A==a[i])
16        {
17            flag=1;
18            break;
19        }
20    }
```

```
21     if(flag) printf("True");
22     else printf("False");
23     return 0;
24 }
```

 Run Code

## Compiler Response

| # | Testcase    | Input       | Expected Output | Your Output | Memory  | CPU time | Result |
|---|-------------|-------------|-----------------|-------------|---------|----------|--------|
| 1 | 3 0 0 1     | 3 0 0 1     | True            | True        | 1408 KB | 3.496 ms | Pass   |
| 2 | 5 1 1 2 2 2 | 5 1 1 2 2 2 | True            | True        | 1408 KB | 2.497 ms | Pass   |

All hidden testcases passed



Contact

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Light



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