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Description

Absolute difference b/w sum of even and sum of odd indexed elements

Program Description
Find the absolute difference between the sum of even indexed elements and the sum of odd indexed elements in an array

Input Format
First-line contains an integer 'N' which indicates the length of the Array
Next line contain 'N' array elements

Output Format
Display the absolute difference between the sum of even indexed elements and the sum of odd indexed elements.

Constraints

1 ≤ N ≤ 100

Input-1

5

1 2 3 4 5

Output-1

3

Input-2

7

1 2 3 4 5 6 7

Output-2

4

C - GCC 11.1.0 ▾   ⊟Ō   Timer   0:11 sec   🌙   C   ⌐┘

```c
#include<stdio.h>
int main()
{
    int n,a[100],e=0,o=0;
    scanf("%d",&n);
    for(int i=0;i<n;i++)
    {
        scanf("%d",&a[i]);
        if(i%2==0) e+=a[i];
        else o+=a[i];
    }
    int D=e-o;
    if(D>0) printf("%d",D);
    else printf("%d",-D);
    return 0;
}
```

</> Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	5 4 3 5 4 3	5 4 3 5 4 3	5	5	1408 KB	3.386 ms	Pass
2	3 2 3 2	3 2 3 2	1	1	1408 KB	2.519 ms	Pass

All hidden testcases passed

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