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Description

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

Program Description

Find the absolute difference between the sum of even elements and the sum of odd 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 elements and the sum of odd elements.

Constraints

1 ≤ N ≤ 1000

Input-1

7

1 2 3 4 5 6 7

Output-1

4

C - GCC 11.1.0 ▾

Timer   0:08 sec

```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]);
    }
    for(int i=0;i<n;i++)
    {
        if(a[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 1 2 3 4 5	5 1 2 3 4 5	3	3	1408 KB	3.426 ms	Pass
2	5 6 3 1 7 8	5 6 3 1 7 8	3	3	1408 KB	2.540 ms	Pass

All hidden testcases passed

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