CHALLENGE INFORMATION

You have already solved this challenge ! Though you can run the code with different logic !

Course	JAVA	Session	Methods	Question Information	Level 1 Challenge 52

Problem

Question description

Today, Dry Panda is given n integers. Using any of these integers no more than once, Dry Panda wants to get maximum possible even (divisible by 2) sum. Please, calculate this value for Dry Panda.

Note, that if Dry Panda uses no integers from the n integers, the sum is an even integer 0.

Constraints:

$1 \le n \le 100\,000$

Input Format:

The first line of the input contains one integer, n . The next line contains n space separated integers given to Dry Panda. Each of these integers is in range from 1 to 10^9, inclusive.

Output Format:

Print the maximum possible even sum that can be obtained if we use some of the given integers.

Test Cases

Logical Test Cases

Test Case 1

INPUT (STDIN)

```
3
1 2 3
```

EXPECTED OUTPUT

```
6
```

Test Case 2

INPUT (STDIN)

```
6
59 96 34 48 8 78
```

EXPECTED OUTPUT

```
264
```

Mandatory Test Cases

Test Case 1

KEYWORD

```
public static void
MaxEvenSum(long x)
```

Test Case 2

KEYWORD

```
for(int i=0;i<n;i++)
```

Test Case 3

KEYWORD

```
MaxEvenSum(x);
```

Complexity Test Cases

Test Case 1

CYCLOMATIC COMPLEXITY

```
5
```

Test Case 2

TOKEN COUNT

```
168
```

Test Case 3

NLOC

```
29
```

Code Editor

You have already solved this challenge ! Though you can run the code with different logic !

Code Editor | JAVA SE 1.8 | Light Theme

```java
import java.util.*;
public class Class332241010280 {
       static Scanner sc = new Scanner(System.in);

     public static void main(String[] args) {
     long x=sc.nextLong();
     MaxEvenSum(x);
    }
    public static void MaxEvenSum(long x){
        int n=(int)x,z=0,y=10000,m=0;

        for(int i=0;i<n;i++){
            m=sc.nextInt();

            z=z+m;
            if(m%2!=0&&m<y)
            y=m;
        }
        if(z%2==0)
        System.out.println(z);
        else
        System.out.println(z-y);
    }
}
```

SAVE | RESET | RUN | EVALUATE

Custom Input (stdin) | T1 | T2

Type Here

Output | MATCH T1 | MATCH T2

Empty

Complexity Analysis

Test Case Status