

**Daily Test****Happy Coding from necse****SKILLRACK**

Time Left: 00:10:32

## Difference of Odd and Even Digits Sum

Given an Integer N, the program must print the absolute difference of the sum of odd digits and sum of even digits.

**Boundary Condition(s):** $1 \leq N \leq 9999999999999999$ **Input Format:**

The first line contains S.

**Output Format:**

The first line contains the output as specified.

**Example Input/Output 1:**

Input:

12345

Output:

3

Explanation:

$$|(1+3+5) - (2+4)| = 3$$

**Example Input/Output 2:**

Input:

89235

Output:

7

Explanation:

$$|(8+2) - (9+3+5)| = 7$$

**Max Execution Time Limit: 5000 millisecs**

Ambiance

Java ( 12.0)



```
1  import java.util.*;
2  public class Hello {
3
4      public static void main(String[] args) {
5          Scanner sc=new Scanner(System.in);
6          String n=sc.nextLine();
7          int sum1=0;
8          int sum2=0;
9          for(int i=0;i<n.length();i++){
10             if(Integer.parseInt(String.valueOf(n.charAt(i))%2
11                 sum1+=(Integer.parseInt(String.valueOf(n.charA
12             }
13             else{
14                 sum2+=(Integer.parseInt(String.valueOf(n.charA
15             }
16         }
17     System.out.print(Math.abs(sum1-sum2));
18     }
19 }
```

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Please wait while we run the program ....

