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All Domains › Algorithms › Strings › The Love-Letter Mystery

Badge Progress (Details)

Points: 626.00 Rank: 24808

The Love-Letter Mystery

👤 by amititkgp

Problem	Submissions	Leaderboard	Discussions	Editorial	Topics

People who solved **The Love-Letter Mystery** attempted this next:

> ### Gemstones
> Find the number of different gem-elements present.

Submitted a few seconds ago • Score: 20.00

Status: Accepted

Test Case #0:	✔ 0.06s	Test Case #4:	✔ 0.06s	Test Case #8:	✔ 0.18s
Test Case #1:	✔ 0.06s	Test Case #5:	✔ 0.07s	Test Case #9:	✔ 0.19s
Test Case #2:	✔ 0.06s	Test Case #6:	✔ 0.07s	Test Case #10:	✔ 0.2s
Test Case #3:	✔ 0.06s	Test Case #7:	✔ 0.2s	Test Case #11:	✔ 0.06s

Submitted Code

Language: Java 7   ⑂ Open in editor

```java
import java.io.*;
import java.util.*;
import java.text.*;
import java.math.*;
import java.util.regex.*;

public class Solution {

    public static void main(String[] args) {
        /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. */
        Scanner in = new Scanner(System.in);
        int n = in.nextInt();
        for(int t=0;t<n;t++){
            String input = in.next();
            char[] inputArray = input.toCharArray();
            int total =0;
            int len = input.length();
            for(int i = 0, j = len - 1; i < j; i++, j--) {
                total+=Math.abs(inputArray[j]-inputArray[i]);
            }
        System.out.println(total);
        }
    }
}
```

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