

CTS_Level2_012

Test whether an input string of opening and closing parentheses was balanced or not. If yes , return the no. of parentheses. If no, return -1.

Ip: "(())" Op: 2 Ip: "()(" Op:-1

Input Format

Given a string

Constraints

1 ≤ string_length ≤ 1000

Output Format

If the returned value is -1 print **Not balanced** if not, print **Balanced ** and the **count**.

Sample Input 0

```
((()))
```

Sample Output 0

```
Balanced 3
```

Sample Input 1

```
(([]
```

Sample Output 1

```
Not Balanced
```