



STUDENT REPORT

DETAILS

Name

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Roll Number

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EXPERIMENT

Title

MINIMUM BADNESS

Description

You are given a string S representing the colours of houses (red(R), blue(B) or white(W)). The badness value is the number of differently- coloured adjacent houses. You can paint the white houses red or blue to minimize the badness value. Your task is to find and return an integer value representing the minimum possible badness value.

Input Specification:

input1: A string value S , representing the colours of houses

Output Specification:

Return an integer value representing the minimum possible badness value.

Example 1:

input1:

RRWBWBW

Output:

1

Source Code:

```
s=list(input())
for i in range(len(s)):
    if s[i]=="W":
        if i==0:
            for j in range(1,len(s)):
                if s[j]!="W":
                    s[i]=s[j]
                    break
        else:
            s[i]=s[i-1]
b=0
for i in range(1,len(s)):
    if s[i]!=s[i-1]:
        b+=1
print(b)
```

RESULT

5 / 5 Test Cases Passed | 100 %