Challenge 1 (Day 1)

Little Harry is very peculiar about colors. On his birthday, his dad wanted to buy balloons for decorating the house. So he asked him about his color preferences. The sophisticated little person that Harry is, he likes only two colors - orange and blue. His dad bought n balloons, each of which was either orange or blue in color. You are provided this information in a string s consisting of characters 'o' and 'b' only, where 'o' denotes that the balloon is orange, where 'b' denotes it being blue colored.

When Harry saw the balloons, he was furious with anger as he wanted all the balloons of the same color. In his anger, he painted some of the balloons with the opposite color (i.e., he painted some orange ones blue and vice versa) to make all balloons appear to be the same color. As he was very angry, it took him a lot of time to do this, but you can probably show him the right way of doing so, thereby teaching him a lesson to remain calm in difficult situations, by finding out the minimum number of balloons needed to be painted in order to make all of them the same color.

Input Format

-- The first line of input contains a single integer T, denoting the number of test cases. -- The first and only line of each test case contains a string s.

Constraints

-- 1 ≤ T ≤ 100 -- 1 ≤ n ≤ 100, where n denotes the length of the string s.

Output Format

For each test case, output a single line containing an integer - the minimum number of flips required.

Sample Input 0

```
3
ob
bb
boobo
```

Sample Output 0

```
1
0
2
```