Day 29: Look at Everything We've Learned!

Welcome to Day 29! Check out the tutorial on programming language fundamentals, or just jump right into the problem. Congratulations on finishing the series, and good luck!
Suppose you have some string having length that is indexed from to . You also have some string that is *the reverse* of string . is *funny* if the condition is true for every from to .
Note: For some string , denotes the ASCII value of the -indexed character in .
The *absolute value* of some integer, , is written as .

Input Format

The first line contains an integer, T (the number of test cases).
The T subsequent lines each contain one string S.

Constraints
$1 \leq T \leq 10$
$2 \leq \text{length of } S \leq 10000$

Output Format

For each string S, print whether it is **Funny** or **Not Funny** on a new line (i.e.: the i^{th} line of output should be the answer for input string S_i).

Sample Input

```
2
acxz
bcxz
```

Sample Output

```
Funny
Not Funny
```

Explanation

Test Case 0: $S =$ "acxz"
$|c - a| = 2 = |x - z|$
$|x - c| = 21 = |c - x|$
$|z - x| = 2 = |a - c|$
We print **Funny**.

Test Case 1: $S =$ "bcxz"
$|c - b| = 1$, but $|x - z| = 2$