Funny String

1. ***Funny String:*** Write a python program to find whether the given string is funny or not? Funny is, given a string S, R is the reverse of the given string and find the absolute differences of these pairs | S[i] – S[i-1] | = |R[i] – R[i-1] | should be equal.

**Input Format:**

* The first line of the input contains the value n. (The number of strings)
* From the second line onwards there are n lines and each line contains a string.

**Output Format:**

* Print each line “Funny” or “Not Funny” for the given number of strings.

**Sample Input #1:**

**2**

**acxz**

**bcxz**

**Sample Output #1:**

**Funny**

**Not Funny**

**Explanation:**

Given String S: **acxz**

Reverse of the given String S: R = zxca

| c – a | = 2 = | x – z|

| x – c | = 21 = | c – x |

|z – x | = 2 = | a – c |

So, this is a funny string

Given String S: **bcxz**

Reverse of the given String S: R = zxcb

| c – b | = 1 not equal to | x – z|

| x – c | = 21 = | c – x |

|z – x | = 2 not equal to | b – c |

So, this is not a funny string