8roken 8

Bibi just got a letter from Jojo. But the letter is a little weird, there is no character 'b' in it. Bibi remember that Jojo don't know how to write letter 'b' so Jojo will switch 'b' with 8. So Bibi ask you to help her translate the letter.

Format Input
The input starts with integer T, the number of test cases. Each test case will start with N, the total length of characters in the letter. Second line of each test case will be the letter Jojo send to Bibi.

Format Output
Each test case start with "Case #T: " followed by the translated letter that Jojo send to Bibi.

Constraints
1 <= T <= 10
1 <= N <= 1000
It is guaranteed the letter will only consists of lowecase latin words, spaces and numbers.

Sample Input 1	Sample Output 1
3 5 as fd 10 ilike8ooks 12 i hate 8ooks	Case #1: as fd Case #2: ilikebooks Case #3: i hate books

Sample Input 2	Sample Output 2
3 5 8inus 5 88888 8 8888 888	Case #1: binus Case #2: bbbbb Case #3: bbbb bbb