**Fast Typ(o)er**

Tintin is a computer science student in Binus University. As a computer science student, he wants to increase his typing speed. After practicing, he reaches a good WPM (Word Per Minute) which is 250 WPM. But, the typing has a lot of errors where there shouldn’t be any uppercase letter. As a friend of Tintin, help him create a program so that the text that he types can be converted into all lowercase.

**Format Input**

The input will be read from a file named “A.txt”, the first line of the file will be an integer T representing the number of test cases. Each test case will consist of 1 string S that Tintin has typed. (if you haven’t gotten the A.txt file, please ask it to your assistant!)

**Format Output**

Each test case consists of a single line started with the format “Case #X: ” without quotes, where X indicates the test case number starting from 1, followed by the converted S.

**Constraints**

* 1 ≤ T ≤ 10
* 1 ≤ |S| ≤ 100, where |S| is the length of string S
* String S could consist of lowercase latin alphabet, uppercase latin alphabet, whitespaces, and other symbols.

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| Sample Input 1 |
| 5  tHe qUiCK bROwN fOx jUMPs OvER The lAZy dOG  wInGARdIum lEViOsA  yOu oNLy HAve twO oPtiON, eIThEr yOu WIn oR lEARn  Do Not Take Life Too Seriously. You Will Never Get Out Of It Alive  taRriIIkKKK SIiSSsS, sEmoNGgkOoOo |

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| Sample Output 1 |
| Case #1: the quick brown fox jumps over the lazy dog  Case #2: wingardium leviosa  Case #3: you only have two option, either you win or learn  Case #4: do not take life too seriously. you will never get out of it alive  Case #5: tarriiikkkk siissss, semonggkoooo |