

## Change the string

Given a string S, the task is to change the string according to the condition; If the first letter in a string is capital letter then change the full string to capital letters, else change the full string to small letters.

### Input:

The first line of input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case contains a string S.

### Output:

For each test case, print the changed string in a new line.

### Constraints:

$$1 \leq T \leq 200$$

$$1 \leq |\text{string length}| \leq 10^4$$

### Example:

#### Input:

2

geEkS

FoR

#### Output:

geeks

FOR