

# Mocking SpongeBob

**Time limit:** 2.0s **Memory limit:** 62M

You are a professional memer. Your memes have garnered thousands of upvotes on Reddit and have been reposted by hundreds.

Late into the night, on May 6th of 2017, you receive a call from a fellow talented memer. He informs you of a tweet that has just gone viral, depicting a mocking SpongeBob. The format of the meme is simply a line of text followed by the same line but with erratic capitalization. Excited, you take a look, and instantly you know you've stumbled upon a goldmine.

Cracking your knuckles, you get to work. You masterfully craft dozens of memes, tweeting, sharing them on Facebook, and posting them on Reddit.

Unfortunately, you feel as if you are being inefficient. You are capitalizing letters one by one, and soon your fingers are tired. You stop to reflect. What if there was a way to speed up the process?...

Suddenly, you get an idea. You've dabbled into programming, and could probably make a program that does the hard work for you.

You've got to do it quick though! Users on [r/memeeconomy](#) are saying that this meme will be dead soon, so take advantage of the internet while you still have time!



## Input Specification

The first line will contain an integer  $N$  ( $0 \leq N \leq 100$ ). This will then be followed by  $N$  lines of length ( $0 < L < 1000$ ), each of which you must turn into Mocking SpongeBob format.

## Output Specification

The first letter encountered has to be turned **lowercase**, and all following letters are to alter between uppercase and lowercase.

Keep in mind that **only letters** are to be affected by this pattern. All other symbols must not affect the pattern in any way. You must also "translate" each line **individually**, and not the entire text together.

Output the  $N$  modified lines.

## Sample Input

```
3
I don't even know her like that
You can't just make a new meme from a different Spongebob clip every couple of months
I must have listened to that latest Ed Sheeran song 10000 times!
```

## Sample Output

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```
i DoN't EvEn KnOw HeR lIkE tHaT  
yOu CaN't JuSt MaKe A nEw MeMe FrOm A dIFFeReNt SpOnGeBoB cLiP eVeRy CoUpLe Of MoNtHs  
i MuSt HaVe LiStEnEd To ThAt LaTeSt Ed ShEeRaN sOnG 10000 tImEs!
```