10 Don't be a *bro*!

4 points

Introduction

You have to write in a right way. Sentences start with upper case, and the rest of letters are in lower case. A sentence finishes with a dot and a white space. Afterwards, the same for the next sentences. You have to write a program that converts a text written in a *bro* way to a text written in a right way. You can assume that every sentence will end with a dot and a white space in the input file. Input will never have any word that starts with upper case (such as a person name), except for the pronoun 'I', that your program must take into account.

Input

The input of the program is a text with several sentences, ending with a "#".

I Used tO tHINK ThaT tHeY WEre thinGS tHE WONderful FolK oF tHE sTorIes WeNt OUt aNd looKED fOR, bEcaUse tHey wanTEd theM, beCAUse thEy wEre exCitinG aNd life WAS a Bit DUll, a kINd oF a spORt, As yOU migHt SAy. But ThAt IS not tHe wAy oF IT wIth tHE tALes tHAt reaLLY mattered, Or The oNEs THat StaY in thE mINd. foLK SEEM to have beEn JUst lANDed In tHEm, usUAlly theiR pAtHS wERE lAid That wAY, as yOu PUT it. But I exPEcT tHEy haD lOTs Of CHANces, lIke us, of tURNinG bacK, only tHEy DiD not.

Output

The program must output the text correctly written.

I used to think that they were things the wonderful folk of the stories went out and looked for, because they wanted them, because they were exciting and life was a bit dull, a kind of a sport, as you might say. But that is not the way of it with the tales that really mattered, or the ones that stay in the mind. Folk seem to have been just landed in them, usually their paths were laid that way, as you put it. But I expect they had lots of chances, like us, of turning back, only they did not.