

## Problem 1. Editing

Although this is one of the last nice days to play out, Ivancho's teacher has assigned homework that takes a lot of time. Each student has a text file whose content must be edited according to the following rules:

- 1) After full stop must be an interval followed by word that must begin with a capital letter.
- 2) After comma must be an interval followed by a word.
- 3) Between punctuation (full stop or comma) and the word before it must not be an interval.
- 4) Between any two successive words must not be more than one interval.
- 5) Word may start with a capital letter only if it is after a full stop.
- 6) The text must begin with a word whose first letter is capitalized.
- 7) The text ends with a newline immediately after the last full stop.

Ivancho can't wait to go out with his friends, and he knows how good you are in editing of texts, so he prays you for help. Write a program **edit**, which inputs a text and if there is non-compliance with the above rules, edit it accordingly.

It is guaranteed that each text in the input files ends with a full stop and there are not two punctuations immediately one after another.

**Input:** The input file **edit.in** contains text with no more than 10000 characters containing only uppercase, lowercase, Latin letters, commas and full stops.

**Output:** The output **edit.out** must contain the edited text.

**TIME LIMIT – 2 sec**

**Note:** You can scan from a file and print into a file by using an operator for that. You can use operator `freopen` including `fstream` library and adding the following two lines in the beginning of your main function:

```
freopen ("edit.in", "r", stdin );
```

```
freopen ("edit.out", "w", stdout );
```

**Example:**

<b>edit.in</b>	<b>edit.out</b>
IvaNcho obichA da igrae football s priqtelite si,no ne obicha da reshava zdachi.toi iska da izleze navan.	Ivancho obicha da igrae football s priqtelite si, no ne obicha da reshava zdachi. Toi iska da izleze navan.

