

Hidden Message

Problem ID: hiddenmessage

It's April Fools and Azi loves playing pranks on people. Azi has decided to send an email to their PhD adviser with a prank (something along the lines of "I'm leaving the program"), but as they are afraid of repercussions Azi decided to leave a hidden message so that they can prove that it was a prank.

They decided to write the email in such a way that the first letter of each line reveals that it was a prank all along. Azi needs your help extracting the hidden message.

Input

The first line of the input contains a integer N ($1 \leq N \leq 500$) containing the number of lines in the email written by Azi.

Each of the following N lines contains a line of the email. Each line will have between 1 and 300 characters. You can assume that the first character of each line will be an upper case letter.

Output

Output a single word with the first letter of each line. The output should have N characters.

Sample Input 1

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5
Amaro,
Personally I really enjoy working with you. You are a great adviser!
Right now I am reconsidering if a PhD program is what is best in my life.
I think my passion is in baking, and opening a bakery would use all my time.
Looking forward to seeing you around.
```

Sample Output 1

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APRIL
```

Sample Input 2

```
10
The answer to today's homework:
First shalt thou take out the Holy Pin.
Then shalt thou count to three, no more, no less.
Three shall be the number thou shalt count, and
The number of the counting shall be three.
Four shalt thou not count, neither count thou two, excepting
That thou then proceed to three.
Five is right out. Once the number three, being the third number, be reached,
Then lobbest thou thy Holy Hand Grenade of Antioch towards
Thy foe, who, being naughty in My sight, shall snuff it.
```

Sample Output 2

```
TFTTTFFTT
```

Sample Input 3

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4
Hamlet and Angela, two high-school students, are leaving a Java Seminar
Angela turns to Hamlet and says "So... how did you do on the exam?"
Hamlet says, "I'm not telling you. That is private."
Angela objects, "But I thought we are in the same class."
```

Sample Output 3

HAHA