

A - 1文字ずつ出力 / Incremental Output

Time limit : 2sec / Memory limit : 256MB

Score : 100 points

Problem Statement

You are given a string S .

Let the length of S be $|S|$. Print $|S|$ lines. The k -th line should contain the first k characters in S . For example, the first line should contain the first one character in S , and the second line should contain the first two characters in S , and so forth.

Constraints

- S consists of uppercase English letters.
- $1 \leq |S| \leq 10$

Input

The input is given from Standard Input in the following format:

S

Output

Follow the problem statement and print the expected output in $|S|$ lines.

Sample Input 1

ABCA

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Sample Output 1

A
AB

Copy

```
ABC
ABCA
```

- In the first line, print the first one character in S : ' **A**'.
- In the second line, print the first two characters in S : ' **AB**'.
- In the third line, print the first three characters in S : ' **ABC**'.
- In the fourth line, print the first four characters in S : ' **ABCA**'.

Sample Input 2

```
SDFLKJKDS
```

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Sample Output 2

```
S
SD
SDF
SDFL
SDFLK
SDFLKJ
SDFLKJK
SDFLKJKD
SDFLKJKDS
```

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