Text Wrap

You are given a string S and width w.
Your task is to wrap the string into a paragraph of width w.

Input Format

The first line contains a string, S.
The second line contains the width, w.

Constraints

- $0 < len(S) < 1000$
- $0 < w < len(S)$

Output Format

Print the text wrapped paragraph.

Sample Input 0

```
ABCDEFGHIJKLIMNOQRSTUVWXYZ
4
```

Sample Output 0

```
ABCD
EFGH
IJKL
IMNO
QRST
UVWX
YZ
```