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Text Wrap



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Textwrap

The textwrap module provides two convenient functions: wrap() and fill().

textwrap.wrap()

The wrap() function wraps a single paragraph in text (a string) so that every line is width characters long at most. It returns a list of output lines.

```
>>> import textwrap
>>> string = "This is a very very very very long string."
>>> print textwrap.wrap(string,8)
['This is', 'a very', 'very', 'very', 'very', 'long', 'string.']
```

Submissions: 8945

Max Score: 10

Difficulty: Easy

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textwrap.fill()

The fill() function wraps a single paragraph in text and returns a single string containing the wrapped paragraph.

```
>>> import textwrap
>>> string = "This is a very very very very long string."
>>> print textwrap.fill(string,8)
This is
a verv
very
very
very
very
string.
```

Task

You are given a string ${m S}$ and width ${m w}$.

Your task is to wrap the string into a paragraph of width $m{w}$.

Input Format

The first line contains a string, S.

The second line contains the width, \boldsymbol{w} .

Constraints

$$\begin{array}{l} 0 < len(S) < 1000 \\ 0 < w < len(S) \end{array}$$

Output Format

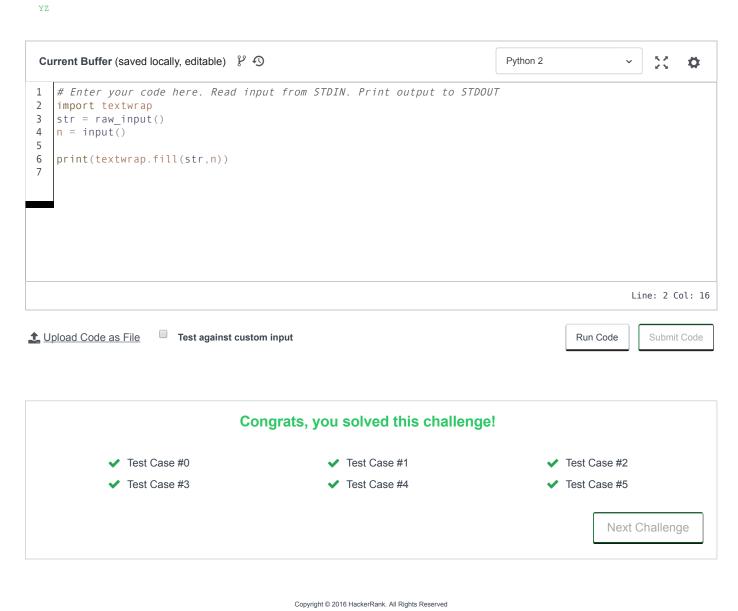
Print the text wrapped paragraph.

Sample Input

```
ABCDEFGHIJKLIMNOQRSTUVWXYZ
```

Sample Output

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



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