

13 Word wrap

4 points

Introduction

As you know, newspapers print their articles in several columns to help the reader. This way, they do not need to move their eyes from the left to the right side of the page all the time. These columns have a specific width. The process of transforming the text into as many lines as needed but making sure that a line of the text does not have more than the required columns is called wrapping. Wrapping will not break any word, and final blank spaces will not count. But, if original text has a carriage return to start a new line, the wrapped text will respect this.

Input

Input will be a number to specify the column width of resulting output lines, followed by the long text in several lines ending with the symbol '#'.
 20

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It takes a big man to cry, but it takes a bigger man to laugh at that man.
When you're riding in a time machine way far into the future, don't stick your elbow
out the window, or it'll turn into a fossil.
I wish I had a Kryptonite cross, because then you could keep both Dracula AND Superman
away.
I don't think I'm alone when I say I'd like to see more and more planets fall under
the ruthless domination of our solar system.
I hope if dogs ever take over the world, and they chose a king, they don't just go by
size, because I bet there are some Chihuahuas with some good ideas.
The face of a child can say it all, especially the mouth part of the face.#
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Output

The result of the wrapped text.

<pre>It takes a big man to cry, but it takes a bigger man to laugh at that man. When you're riding in a time machine way far into the future, don't stick your elbow out the window, or it'll turn into a fossil. I wish I had a Kryptonite cross, because then you could keep both Dracula AND Superman away.</pre>	<pre>I don't think I'm alone when I say I'd like to see more and more planets fall under the ruthless domination of our solar system. I hope if dogs ever take over the world, and they chose a king, they don't just go by size, because I bet there are some Chihuahuas with some good ideas.</pre>
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