

# HTML

Time Limit: 2000 ms    Memory Limit: 65536 KB

```
<P>
  If you ever tried to read a html document on a Macintosh, you know how hard it is if no Netscape is installed.
  <br>
  Now, who can forget to install a HTML browser?
  This is very easy because most of the times you don't need one on a MAC because there is a Acrobat Reader which is native to MAC.
  But if you ever need one, what do you do?
  <br>
  Your task is to write a small html-browser.
  It should only display the content of the input-file and knows only the html commands (tags) <code>&lt;br&gt;</code> which is a linebreak and
  <code>&lt;hr&gt;</code> which is a horizontal ruler.
  Then you should treat all tabulators, spaces and newlines as one space and display the resulting text with no more than 80 characters on a line.
<H3>Input Specification</H3>
The input consists of a text you should display.
This text consists of words and HTML tags separated by one or more spaces, tabulators or newlines.
<br>
A word is a sequence of letters, numbers and punctuation. For example, "<code>abc,123</code>" is one
word, but "<code>abc, 123</code>" are two words, namely "<code>abc,</code>" and "<code>123</code>".
A word is always shorter than 81 characters and does not
contain any '&lt;' or '&gt;'. All HTML tags are either <code>&lt;br&gt;</code> or <code>&lt;hr&gt;</code>.
<br>
<H3>Output Specification</H3>
You should display the the resulting text using this rules:
<ul>
  <li>If you read a word in the input and the resulting line does not get longer than 80 chars, print it,
else print it on a new line.
  <li>If you read a <code>&lt;br&gt;</code> in the input, start a new line.
  <li>If you read a <code>&lt;hr&gt;</code> in the input, start a new line unless you already are at the beginning
    of a line, display 80 characters of '-' and start a new line (again).
</ul>
The last line is ended by a newline character.
<H3>Sample Input</H3>
```

```
Hallo, dies ist eine
ziemlich lange Zeile, die in Html
aber nicht umgebrochen wird.
<br>
Zwei <br> <br> produzieren zwei Newlines.
Es gibt auch noch das tag <hr> was einen Trenner darstellt.
Zwei <hr> <hr> produzieren zwei Horizontal Rulers.
Achtung      mehrere Leerzeichen irritieren
```

Html genauso wenig wie

mehrere Leerzeilen.

## Sample Output

```
Hallo, dies ist eine ziemlich lange Zeile, die in Html aber nicht umgebrochen
wird.
Zwei

produzieren zwei Newlines. Es gibt auch noch das tag
-----
was einen Trenner darstellt. Zwei
-----
-----
produzieren zwei Horizontal Rulers. Achtung mehrere Leerzeichen irritieren Html
genauso wenig wie mehrere Leerzeilen.
```