Every following tasks need to write complete code, not exactly system design, like homework.

Print a book

Design and implement a printer algorithm, the input will be a very large text, you need to print the text as a book. The text may contains blank, tab (take 4 positions), new-line and other printable words.

leanding 开始的、 词和词之间的 , 尾部的 hint:

- 任意的

 1. The text may have arbitrary format, for example: many leading blanks, tabs or newlines, many trailing blanks, tabs or newlines, and many blanks, tabs or newlines between words
- 2. Can't split a single word into different lines, you can assume a single word length will not exceeds the book's width (word length <= 100) 单词长度不会超多书的宽 100,单词不能断
- 3. At the beginning of a line, ignore all the blanks, tabs and newlines. So the beginning of a line 一行开始忽略空格 tab newline,总是word开头 should always be some word
- 4. At the end of a line, also ignore all the blanks, tabs and newlines. So the end of a line should always be some word, you can't print trailing blanks or tabs at the end of a line, except 1 结束也忽略,除了一个新行 new-line
- 5. According to rule 3 and rule 4, you will expect not to print consecutive newlines 除了一个回车
- 同一行,空格, tab 打印 6. On the same line, you should print all the blanks and tabs between 2 words
- 7. The book should support different sizes, for example: A3 paper (297mm * 420mm) or A4 paper (210mm * 297mm), and you can suppose the character size is 2mm * 3mm 支持不同的 规格
- 8. Print a line of "======" (length is equal to the page width) to start a new page

dejun@visenze.com

开始新页,打印===