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## ACSL BOOK

Time Remaining 1:59 hrs:mins

### CLASS / SOURCE NAME

Name your class acsljr.

**PROBLEM:** A book cipher is a method of encoding and decoding a message where the sender and the receiver both use the same text. The sender's message is encoded by replacing each alphanumeric character in the message to be sent with the location of that character in the text using an "s.w.c" format representing the number of the sentence in the text (s), the number of the word in that sentence (w), and the number of the character in that word (c), all indexed starting with 1. The receiver decodes the encoded message by locating the characters in the text specified by each "s.w.c" string.

In this program, you will be given the text and the encoded message to be decoded. The text will contain alphanumeric characters, spaces, and periods using the following restrictions:

- A word contains only alphanumeric characters
- All words are separated by a single space
- Sentences are terminated with a period and separated by two spaces

The encoded message will contain multiple "s.w.c" strings, each separated by a single space.

Create the decoded message by finding the characters in the text. If an "s.w.c" string doesn't refer to a character in the text, use a space in the decoded message.

### EXAMPLE

Input	Output
<p>ACSL is an international computer science competition among more than 300 schools. With countrywide and worldwide participants it became the American Computer Science League. It has been in continuous existence since 1978. Each yearly competition consists of 4 regular season contests. All students at each school may compete but the team score is the sum of the best 3 or 5 top scores. Each contest consists of a written section and a programming section.</p> <p>1.5.4 4.2.6 1.10.1 3.2.1 6.11.6 2.9.8 4.10.3 5.18.1</p>	python 3

Explanation:

The first encoded string "1.5.4" tells you to find the 1st sentence, the 5th word in that sentence which is "computer", and then the 4th character in that word which is the lowercase letter "p". All others are done in a similar fashion. The string "4.10.3" is a space because there are only 9 words in the 4th sentence.

**INPUT:** Input a string representing the text to be used in the decoding and another string representing the encoded message to be decoded. The first string will be no more than 2000 characters and the second string will be no longer than 200 characters.

**OUTPUT:** Output the decoded message as a string of characters.

SAMPLE INPUT	SAMPLE OUTPUT
<p>ACSL is an international computer science competition among more than 300 schools. With countrywide and worldwide participants it became the American Computer Science League. It has been in continuous existence since 1978. Each yearly</p>	python 3

competition consists of 4 regular season contests. All students at each school may compete but the team score is the sum of the best 3 or 5 top scores. Each contest consists of a written section and a programming section. 1.5.4 4.2.6 1.10.1 3.2.1 6.11.6 2.9.8 4.10.3 5.18.1	
To be or not to be that is the question is a quote by William Shakespeare. 2B or not 2B is also a Boolean expression. Write it both ways. 2.1.2 1.3.1 1.4.2 2.8.4 1.13.5 2.7.1 2.3.1 1.17.2 1.15.5 1.10.4 4.1.1 1.15.6 2.8.4 3.4.1 1.7.3 3.4.3 1.16.6 3.3.5 1.1.1 1.3.2 1.13.2 1.10.3	Boolean is always True
Programming languages are Java Python Visual BASIC Lisp FORTRAN C SQL. Javascript is the language of the Internet. HTML stands for Hypertext Markup Language and is not really a coding language. There are over 300 languages. Pick the one you like best. 2.1.1 1.2.6 2.1.3 1.3.1 1.12.3 2.1.8 2.2.2 4.6.1 3.2.2 4.1.2 2.6.3 5.3.4 3.13.1 3.13.6 3.6.3 3.12.6 3.5.5 1.6.5 3.6.4 3.4.4 6.1.2 4.3.1 3.3.1 1.13.6 1.9.6 1.5.1 3.14.1 1.10.1 1.11.1	Java is the language of AP CS
Four score and seven years ago our fathers brought forth on this continent a new nation conceived in Liberty and dedicated to the proposition that all men are created equal. Now we are engaged in a great civil war testing whether that nation or any nation so conceived and so dedicated can long endure. We are met on a great battlefield of that war. We have come to dedicate a portion of that field as a final resting place for those who here gave their lives that that nation might live. It is altogether fitting and proper that we should do this. This was written by Abraham Lincoln in November 1863. 2.1.1 1.2.3 8.6.3 6.9.1 1.31.1 1.8.7 5.6.1 1.13.7 1.15.2 2.18.1 2.12.2 8.10.4 6.6.5 4.8.2 7.4.1 1.16.2 3.7.5 4.10.4 3.12.1 1.21.7 2.5.1 6.5.7 1.13.7	No 1 speech of all time

There are 10 kinds of people in the world who are those who know binary and those who do not. Thus you should learn binary. 1.18.1 2.3.2 2.5.4 1.20.3 3.1.4 1.2.1 1.9.3 1.12.5 1.21.1 2.5.6 1.5.1 2.1.3	what are you
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-----以下为中文翻译，仅供参考-----  
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**问题：**书加密法是一种发送者和接收者使用相同的文本对信息进行编码和解码的方法。发送者对信息进行编码时，使用 “s.w.c” 格式将要发送的信息中的每个字母数字字符替换为该字符在文本中的位置。“s.w.c” 格式代表文本中句子的编号(s)，句子中单词的编号(w)，单词中字符的编号(c)，所有编号均从 1 开始。接收者通过查找每个 “s.w.c” 字符串在文本中指定的字符来对编码信息进行解码。

在此程序中，将给定文本以及需解码的编码信息。这个文本包含字母数字字符、空格以及句号，限制条件如下：

- 每个单词只包含字母数字字符
- 每个单词之间用一个空格分隔
- 句子以句号结束，且句子之间用两个空格分隔

编码信息将包含多个 “s.w.c” 字符串，每个字符串之间用一个空格分隔。

通过查找文本中的字符来创建解码信息。如果 “s.w.c” 字符串并不指向文本中的某个字符，则在解码信息中使用一个空格代替。

示例

输入	输出
ACSL is an international computer science competition among more than 300 schools. With countrywide and worldwide participants it became	python 3

the American Computer Science League. It has been in continuous existence since 1978. Each yearly competition consists of 4 regular season contests. All students at each school may compete but the team score is the sum of the best 3 or 5 top scores. Each contest consists of a written section and a programming section. 1.5.4 4.2.6 1.10.1 3.2.1 6.11.6 2.9.8 4.10.3 5.18.1	
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解释说明：

第一个编码字符串 "1.5.4" 告诉你要先查找到第 1 句话，接着找到这句话的第 5 个单词"computer"，最后找到这个单词里的第 4 个字符，即小写字母 'p'。所有其它字符的查找方式都与此类似。因为第 4 句话中只有 9 个单词，所以字符串"4.10.3" 是一个空格。

**输入：**输入一个字符串，代表解码时要使用的文本，再输入另一个字符串，代表需解码的编码信息。第一个字符串不超过 2000 个字符，第二个字符串不超过 200 个字符。

**输出：**以字符串的形式输出解码信息。

样例输入	样例输出
ACSL is an international computer science competition among more than 300 schools. With countrywide and worldwide participants it became the American Computer Science League. It has been in continuous existence since 1978. Each yearly competition consists of 4 regular season contests. All students at each school may compete but the team score is the sum of the best 3 or 5 top scores. Each contest consists of a written section and a programming section. 1.5.4 4.2.6 1.10.1 3.2.1 6.11.6 2.9.8 4.10.3 5.18.1	python 3
To be or not to be that is the question is a quote by William Shakespeare. 2B or not 2B is also a Boolean expression. Write it both ways.	Boolean is always True

2.1.2 1.3.1 1.4.2 2.8.4 1.13.5 2.7.1 2.3.1 1.17.2 1.15.5 1.10.4 4.1.1 1.15.6 2.8.4 3.4.1 1.7.3 3.4.3 1.16.6 3.3.5 1.1.1 1.3.2 1.13.2 1.10.3	
Programming languages are Java Python Visual BASIC Lisp FORTRAN C SQL. Javascript is the language of the Internet. HTML stands for Hypertext Markup Language and is not really a coding language. There are over 300 languages. Pick the one you like best. 2.1.1 1.2.6 2.1.3 1.3.1 1.12.3 2.1.8 2.2.2 4.6.1 3.2.2 4.1.2 2.6.3 5.3.4 3.13.1 3.13.6 3.6.3 3.12.6 3.5.5 1.6.5 3.6.4 3.4.4 6.1.2 4.3.1 3.3.1 1.13.6 1.9.6 1.5.1 3.14.1 1.10.1 1.11.1	Java is the language of AP CS
Four score and seven years ago our fathers brought forth on this continent a new nation conceived in Liberty and dedicated to the proposition that all men are created equal. Now we are engaged in a great civil war testing whether that nation or any nation so conceived and so dedicated can long endure. We are met on a great battlefield of that war. We have come to dedicate a portion of that field as a final resting place for those who here gave their lives that that nation might live. It is altogether fitting and proper that we should do this. This was written by Abraham Lincoln in November 1863. 2.1.1 1.2.3 8.6.3 6.9.1 1.31.1 1.8.7 5.6.1 1.13.7 1.15.2 2.18.1 2.12.2 8.10.4 6.6.5 4.8.2 7.4.1 1.16.2 3.7.5 4.10.4 3.12.1 1.21.7 2.5.1 6.5.7 1.13.7	No 1 speech of all time
There are 10 kinds of people in the world who are those who know binary and those who do not. Thus you should learn binary. 1.18.1 2.3.2 2.5.4 1.20.3 3.1.4 1.2.1 1.9.3 1.12.5 1.21.1 2.5.6 1.5.1 2.1.3	what are you


注意:

(1) 样本数据仅为部分测试数据，测试用例全部通过不代表通过本题。

(2) 你必须通过数据库中所有的测试点才能获得该题满分。

(3) java 语言里面的 class name (类名) 需要用本题的 Source file name (即: acsljr) 。

(4) 平台判分规则为调取 5 次 input 值, 每次单独判分。

Compiler Python 3/CPython 

1 Enter your program code here

Enter custom input data here (optional)

**Run code**

**Submit code**

## Previous submissions

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