

Problem Challenge 4

We'll cover the following

- Words Concatenation (hard)
- Try it yourself

Words Concatenation (hard)

Given a string and a list of words, find all the starting indices of substrings in the given string that are a **concatenation of all the given words** exactly once **without any overlapping** of words. It is given that all words are of the same length.

Example 1:


```
Input: String="catfoxcat", Words=["cat", "fox"]
Output: [0, 3]
Explanation: The two substring containing both the words are "catfox" & "foxcat".
```


Example 2:


```
Input: String="catcatfoxfox", Words=["cat", "fox"]
Output: [3]
Explanation: The only substring containing both the words is "catfox".
```


Try it yourself

Try solving this question here:

 Java

 Python3

 JS


 C++

```
1 import java.util.*;
2
3 class WordConcatenation {
4     public static List<Integer> findWordConcatenation(String str, String[] words) {
5         List<Integer> resultIndices = new ArrayList<Integer>();
6         // TODO: Write your code here
7         return resultIndices;
8     }
9 }
10
```

Test

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