

## Problem Challenge 2

We'll cover the following ^

- String Anagrams (hard)
- Try it yourself

### String Anagrams (hard) #

Given a string and a pattern, find **all anagrams of the pattern in the given string**.

**Anagram** is actually a **Permutation** of a string. For example, "abc" has the following six anagrams:

1. abc
2. acb
3. bac
4. bca
5. cab
6. cba

Write a function to return a list of starting indices of the anagrams of the pattern in the given string.

**Example 1:**


```
Input: String="ppqp", Pattern="pq"
Output: [1, 2]
Explanation: The two anagrams of the pattern in the given string are "pq" and "qp".
```


**Example 2:**

```
Input: String="abbcabc", Pattern="abc"
Output: [2, 3, 4]
Explanation: The three anagrams of the pattern in the given string are "bca", "cab", and "abc".
```


### Try it yourself #

Try solving this question here:

 Java

 Python3

 JS


 C++

```
1 def find_string_anagrams(str, pattern):
2     result_indexes = []
3     # TODO: Write your code here
4     return result_indexes
5
6
```

Test

Save

Reset



[← Back](#)

[Next →](#)

[Solution Review: Problem Challenge 1](#)

[Solution Review: Problem Challenge 2](#)

 Completed

