Problem Challenge 3

Smallest Window containing Substring (hard)

Given a string and a pattern, find the **smallest substring** in the given string which has **all the characters of the given pattern**.

Example 1:

```
Input: String="aabdec", Pattern="abc"
Output: "abdec"
Explanation: The smallest substring having all characters of the pattern is "abdec"
```

Example 2:

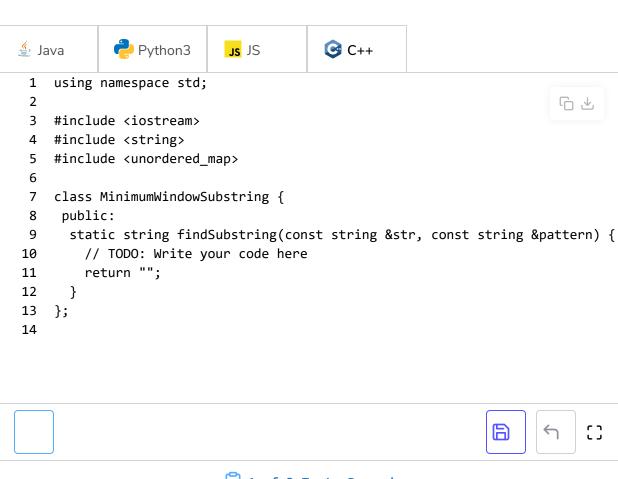
```
Input: String="abdabca", Pattern="abc"
Output: "abc"
Explanation: The smallest substring having all characters of the pattern is "abc".
```

Example 3:

```
Input: String="adcad", Pattern="abc"
Output: ""
Explanation: No substring in the given string has all characters o
f the pattern.
```

Try it yourself

Try solving this question here:



1 of 3 Tests Passed

Result	Input	Expected Output	Actual Output	Reason	
×	<pre>findSubstring(aabdec, abc)</pre>	abdec		Incorrect Output	
×	<pre>findSubstring(abdabca, abc)</pre>	abc		Incorrect Output	
~	<pre>findSubstring(adcad, abc)</pre>			Succeeded	

3.392s