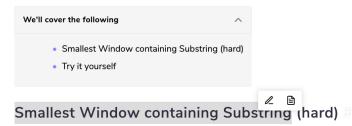




# **Problem Challenge 3**



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="abdbca", Pattern="abc"
Explanation: The smallest substring having all characters of the pattern is "bca".
```

### Example 3:

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

# Try it yourself

Try solving this question here:

