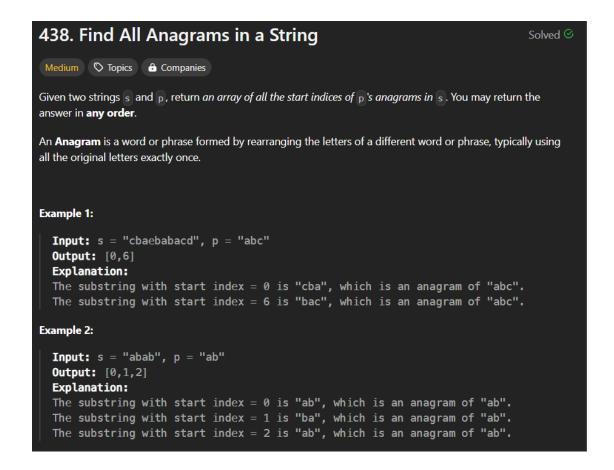
2: Leetcode 438: Find All Anagrams in a String

⇒ https://leetcode.com/problems/find-all-anagrams-in-a-string/description/



A: PYTHON doubts:

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- hashmap counter initialize ⇒ sCounter, p Counter = {}, {}
- for loop going till len (p) \Rightarrow for i in range(len(p)):
- counter increment also if already not present how to add ⇒ sCounter[s[x]] = 1 + sCounter.get(s[x], 0)
- adding 0 in a list \Rightarrow res[0] (directly added to list)
- pop out from a list \Rightarrow sCount.pop(s[l])

B: Code -

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class Solution:
   def findAnagrams(self, s: str, p: str) -> List[int]:
     if len(p) > len(s):
        return []
```

```
sCounter, pCounter = {}, {}
for x in range(len(p)):
    sCounter[s[x]] = 1 + sCounter.get(s[x], 0)
    pCounter[p[x]] = 1 + pCounter.get(p[x], 0)

result = [0] if sCounter == pCounter else []

leftPtr = 0
for rightPtr in range(len(p), len(s)):
    sCounter[s[rightPtr]] = 1 + sCounter.get(s[rightPtr], 0)
    sCounter[s[leftPtr]] -= 1

if sCounter[s[leftPtr]] == 0:
    sCounter.pop(s[leftPtr])

leftPtr += 1
    if sCounter == pCounter:
        result.append(leftPtr)
```

C: Written notes -

Industry mendows I I have Counts approach 2] 438; Friding all Anagramsis= "cbaebabacd" P= 6abc. Dong Run 3 настмар. Westerdy 438 is edge case nampled i) counter Mikalized → len(P) → 2 → 0,1,2 p count -> [a; 1 , b: 1, c: 1) -> Patring tous - s etting & county -> Janou compare initial promot true - 10] - tempty our care at C: 1 Nent loop - start from p to end = lin(s) 1) end = 3 -> e: [e:1] -> add to scount Neut b= 4 alray) -> 2 2) remove lift 0:1 - stry -= 1 sself goes to 0 then pop to out left pointer 2 -1 -1 scount = prount i. Skip a a (x) erie appurat s 6 0 abca cbaa Neutrode 438: anagram > same lottere have equal frequency 345678 0 abe p Count & Count -> lakio Techdose: addia

