

30 DAYS CODING

**DAY 19**



Given a string  $s$  and a non-empty string  $p$ , find all the start indices of  $p$ 's anagrams in  $s$ .

Strings consists of lowercase English letters only and the length of both strings  $s$  and  $p$  will not be larger than 20,100.

The order of output does not matter.

### Example 1:

Input:

s: "cbaebabacd" p: "abc"

Output:

[0, 6]

### Explanation:

The substring with start index = 0 is "cba", which is an anagram of "abc".

The substring with start index = 6 is "bac", which is an anagram of "abc".

## Example 2:

Input:

s: "abab" p: "ab"

Output:

[0, 1, 2]

## Explanation:

The substring with start index = 0 is "ab", which is an anagram of "ab".

The substring with start index = 1 is "ba", which is an anagram of "ab".

The substring with start index = 2 is "ab", which is an anagram of "ab".