

*Find All Anagrams in a String

abc
 cba eba bacd

$O(n)$
 $O(1)$

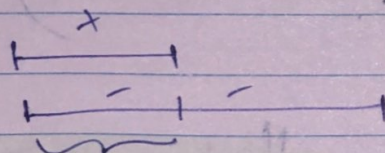
we can use ~~arr~~² char arrays / 2 int arrays as hashMaps to track the occurrences.

$O(n)$
 $O(1)$

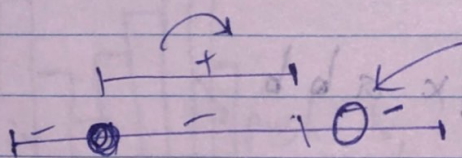
Furthermore we can do it using only 1 array; for one string keep ++ & for other string keep --. Then check for = 0

• Furthermore we can use a variable to count the differences instead of traversing through array & checking for = 0

$O(n)$
 $O(1)$



if value < 0 then ++ difference



we have to - the position value. then even then position value > 0 then -- difference.

for leaving we have to ++ before that if already ≥ 0 we have to ++ difference