## Two pointers - Expressive words

stroy is can be "stretched" betting to
if a can be made equal to to
by choosing a group of characterist
and replacing each character in a
by 3 or more of same character
in sequence

Given list of query words and dring suery suery suery that can be "stretched" to S

hhhhi

S= heee 11000

words = [ hello, hi, helo] output (

| words |  $\leq 100$ , len (S)  $\leq 100$ , len (uord)  $\leq 100$  for word in words

unte a function solubion f (S, word) True if word 705 word - s otretches -s call for guery words. 1 words | \* complexity of word = new out pointer i heee 11000 pointer & > if same, If is character more pointer i to next new charader # i's character 2 = # of charaders False in Let in more pointer j to next new 1 new-i charader y = # 16 characters in bet in S 6/8 Y

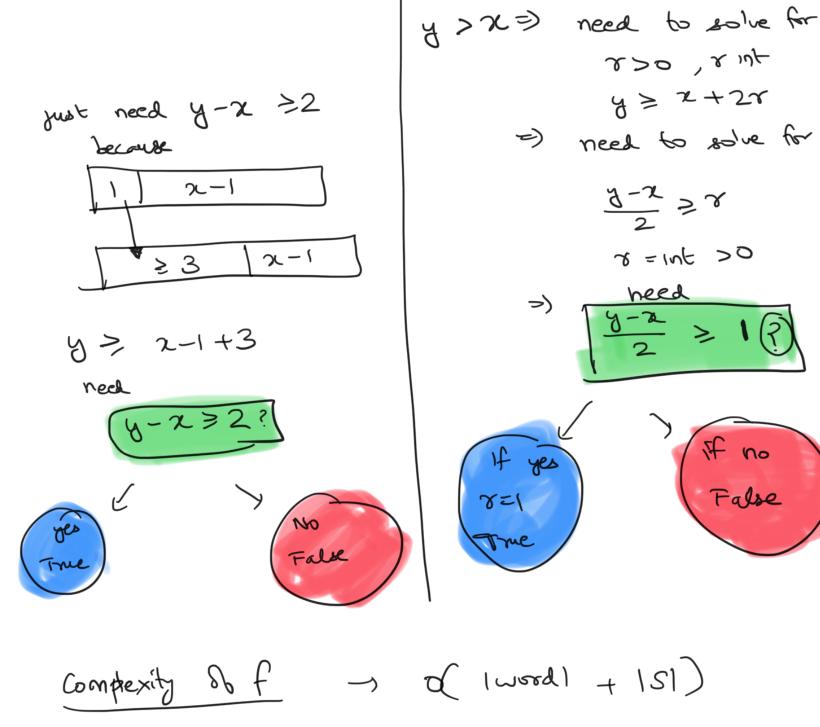
say or of x characters stretched...

So if able to solve for integer  $\tau$   $0 \le \tau \le \chi$   $y = \chi \quad , \quad \tau = 0$   $y > \chi + 2\tau \quad , \quad \tau > 0$ then true, else False

2 ways to think about this

7 = 0  $\longrightarrow$  y = x y = xif stretched can without loss to generally stretch only I character...

y < x False y = x r=0 True



So ever all 
$$\rightarrow 0$$
 ([2] word) + [words] [5])
$$\sim 0 \left(100^{2}\right) = 0 \left(10^{4}\right)$$