================ **SLIDING WINDOW** ===========

Leetcode 3. Longest Substring Without Repeating Characters

Given a string s, find the length of the longest Substring without repeating characters.

class Solution {

public int lengthOfLongestSubstring(String s) {

Set<Character> set = new HashSet<>();

int maxLength = 0, left = 0, right = 0;

while(right<s.length()){

char c = s.charAt(right);

if(set.contains(c)){

set.remove(s.charAt(left));

left++;

}else{

set.add(c);

right++;

maxLength = Math.max(maxLength, right-left);

}

}

return maxLength;

}

}