

DAY 53

INTERVIEW BIT PROBLEMS :

1. Longest Substring Without Repeat

Given a string,

find the **length of the longest substring without repeating characters**.

Example:

The longest substring without repeating letters for "abcabcbb" is "abc", which the length is 3.

For "bbbb" the longest substring is "b", with the length of 1.

CODE :

PYTHON

class Solution:

 # @param A : string

 # @return an integer

 def lengthOfLongestSubstring(self, A):

 last_seen=[-1]*256

 n=len(A)

 out=0

 i=0

 for j in range(n):

 i=max(i,last_seen[ord(A[j])]+1)

 out=max(out,j-i+1)

 last_seen[ord(A[j])]=j

 return out