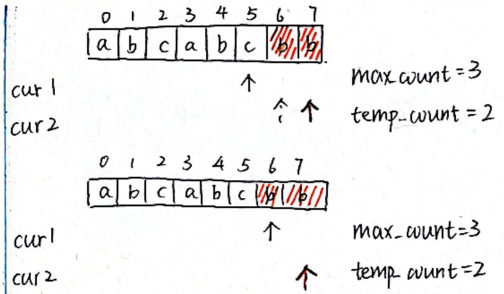
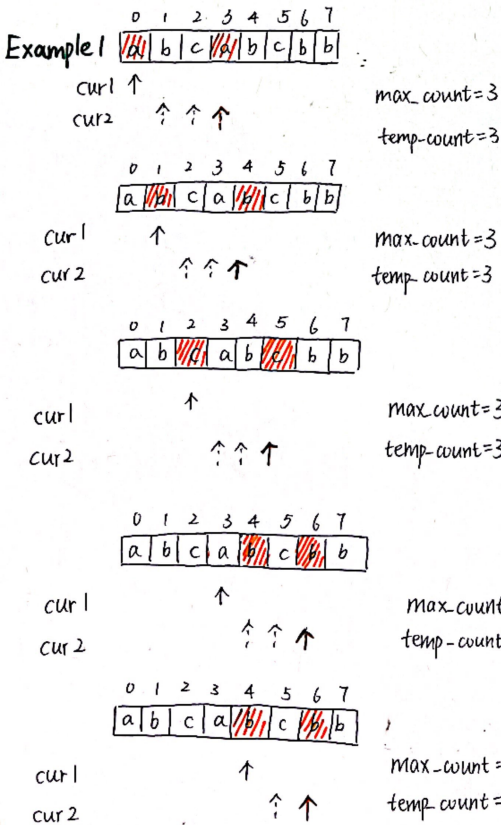


2022-01-09 Sunday Day 1

Longest substring without repeating characters.

	Example 1	Example 2	Example 3
Input	"abcabcbb"	"bbbb"	"pwnkew"
Output	3	1	3.

★ Constraints: (1)  $0 \leq s.length \leq 5 \times 10^4$   
 (2)  $s$  consists of English letters, digits, symbols and spaces.



∴ length = 8

cur1 stops at  $6 = 8 - 2$

cur2 stops at  $7 = 8 - 1$

✓ Find duplicate elements

ArrayList.contains.

✓ Edge cases:

(i) When length = 0

(ii) When length = 1

✓ Work with String

(1) `ArrayList<String> list = new ArrayList<String>`

(2) `String.substring(i, i+1)` returns the  $i$ th char in the string.

see next column