

## \* Longest Substring Without Repeating Characters

a b c d b a b c

↑ ↑ ----- ↑ -----

a b c d b a b c

↑

↑

Atlas

No: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

a b c d b a b c

↑ → ↑ → ↑

↑↑

⇓

a b c d b a b c

↑

↑↑

Can use set in simple  
check element &  
move first pointer if  
containing.

- Can do using a Array as well.  
Good performance

Index (index+1) in array → Item to  
begin with.