

## # Calculating the substring Size

0 1 2 3 4 5 6  
a a a b a b c  
          L      r

{ a: 4  
  b: 5  
  c: 6 }

## \* Current window idx

Last Seen

4 — 6  
a b c

## \* No of substring

↳ Math: Leftside Window Idx + 1

$$= 4 + 1 = \textcircled{5}$$

↳ Logic:

so, abc —  $\textcircled{1}$

# Keep including Left side Element

babc —  $\textcircled{2}$

ababc —  $\textcircled{3}$

aababc —  $\textcircled{4}$

aaababc —  $\textcircled{5}$