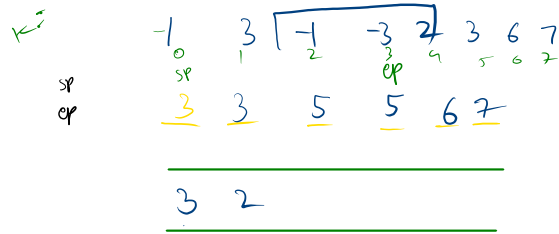


$k=3$
 $n=8$
 $8-1=7$
 $7-3+1=5$
 $[3, 3, 5, 5, 6, 7]$



Add into dq
 Remove people from the front whose not in the current window
 Front is the ans for window
 ans.add(ans[dq.getFirst()])
 dq.add(last(ep))

$t = A B A C D$
 $s = X A A B B B C C A X D B C A A$
 ideal
 $A=2$
 $B=1$
 $C=1$
 $D=1$
 $ans=9$
 window
 $X:1$
 $A:2$
 $B:3$
 $C:2$
 $D:1$
 26
 52
 // introduce
 // store window value
 // ans
 // store
 // extra

$y a b a a b c b c b x z z x$

$k=2$

$x:1$
 $a:3$
 $b:4$
 $c:1$

$k=3$
 $k=2$
 $ans=9$
 $x a b a a b c b c b x z z x$

$a:0$
 $b:2$
 $x:1$
 $z:1$

26×26

unique=4
 k=2
 while(unique > k)
 {
 if (map[s[sp]] == 0) unique--
 if (map[s[ep]] == k-1) k--
 }
 sp++