

1/P:  $[1, 2, 3, 1, 4, 5, 2, 3, 6]$   $K=3$

oA:  $[3, 3, 4, 5, 5, 5, 6]$

$i: 0 \rightarrow n-k$   
 $j: i \rightarrow i+k-1$

TC:  $O(nk)$   
 AS:  $O(1)$

~~$[1, 2, 3, 1, 4, 5, 2, 3, 6]$~~

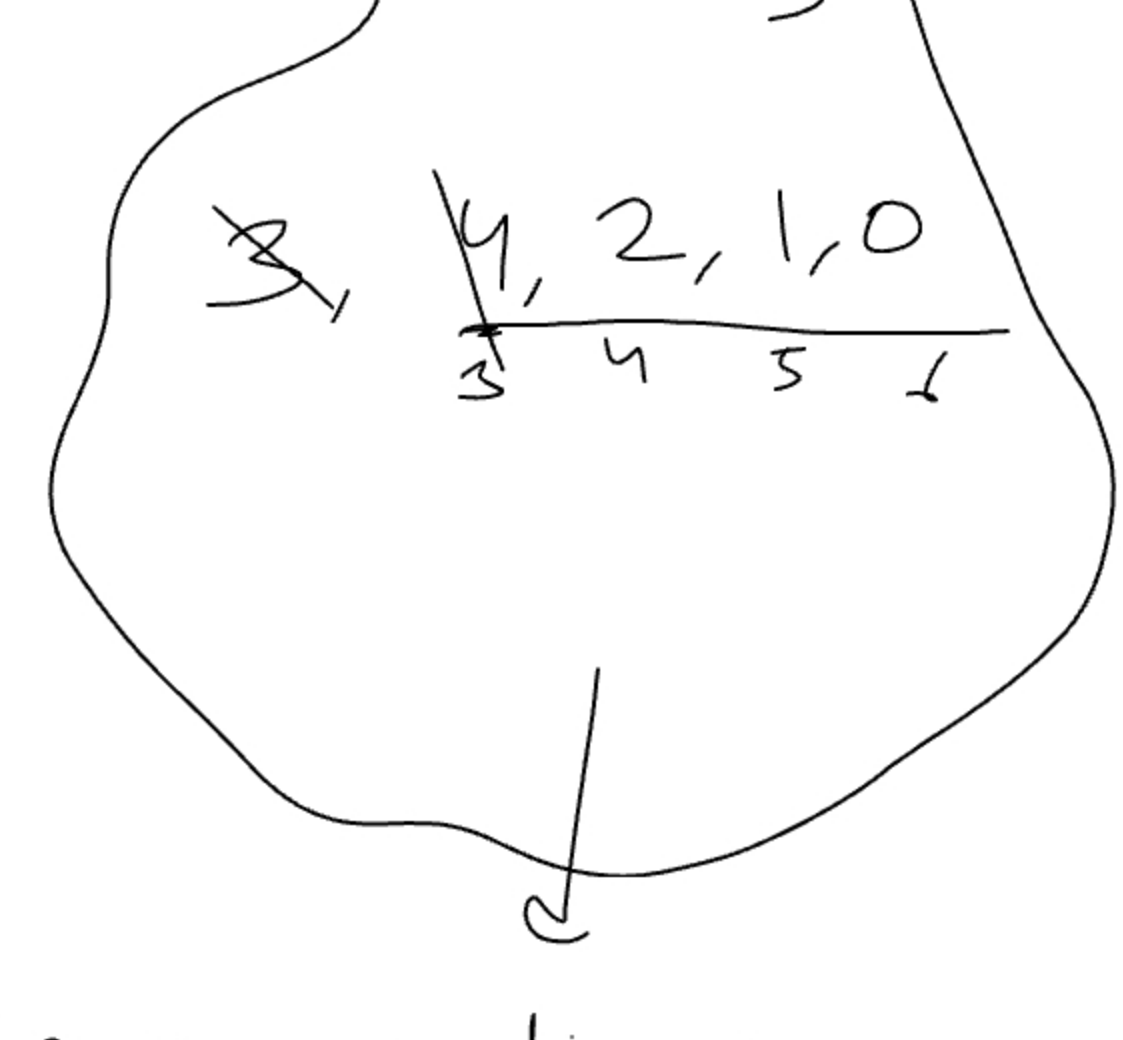
$[3, 2, 1, 0, 5, 2]$

oA: 3, 2

$[1, 2, 3, 4, 2, 1, 0]$   
 $[3, 4, 4, 4, 2]$

$K=3$

DS

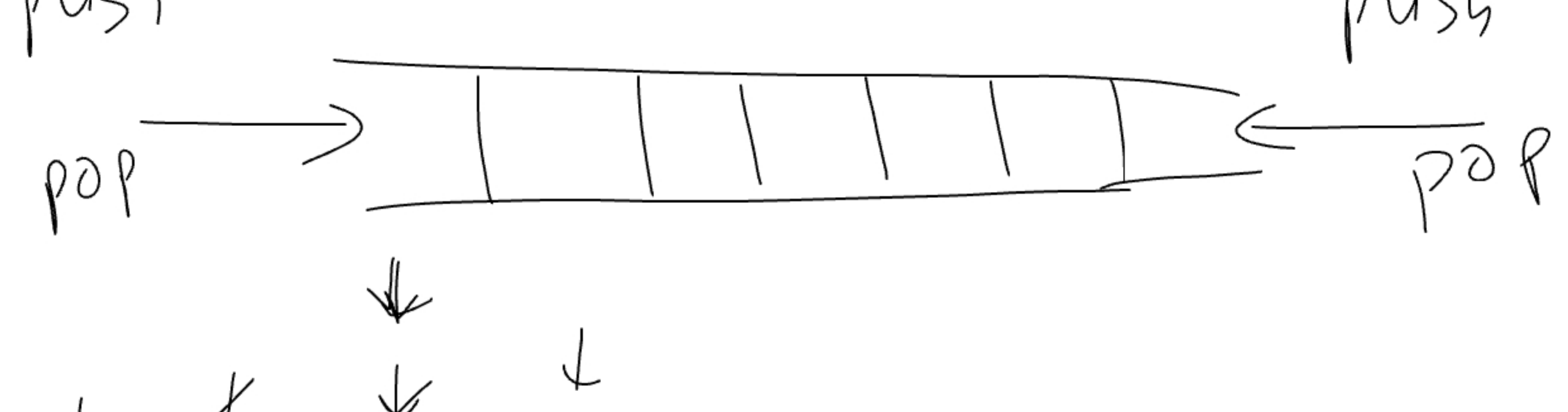


$6-3=3$

pop from front  
 → pop from back  
 push at back.

store indices instead of values.

Deque → Doubly-ended queue.



$[3, 2, 1, 4, 5]$   
 $[3, 4, 5]$

$K=3$

~~3, 2, 1, 4, 5~~

~~3, 2, 1, 4~~

