



Same →

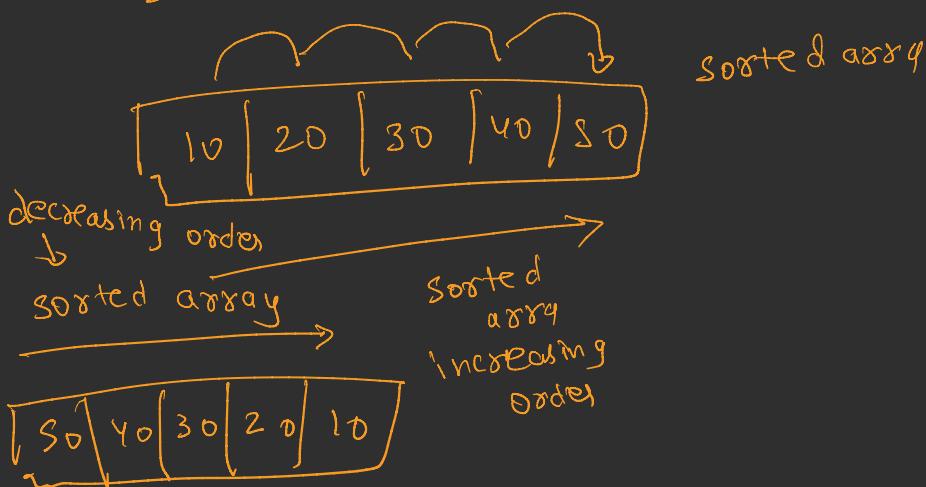
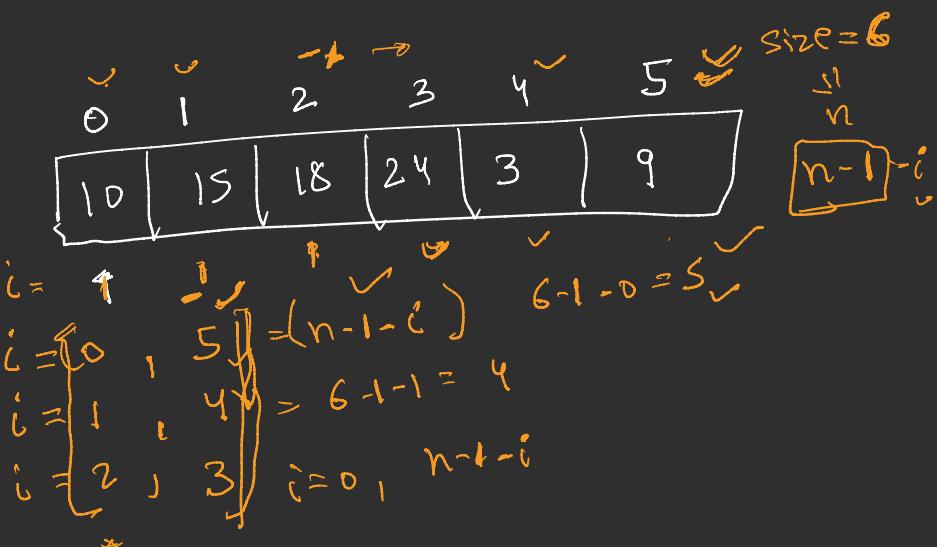
0	1	2	3	4
10	15	18	22	28

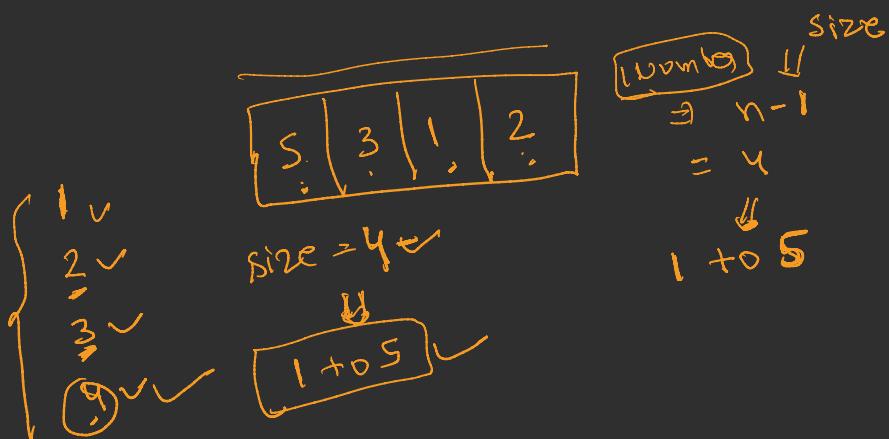
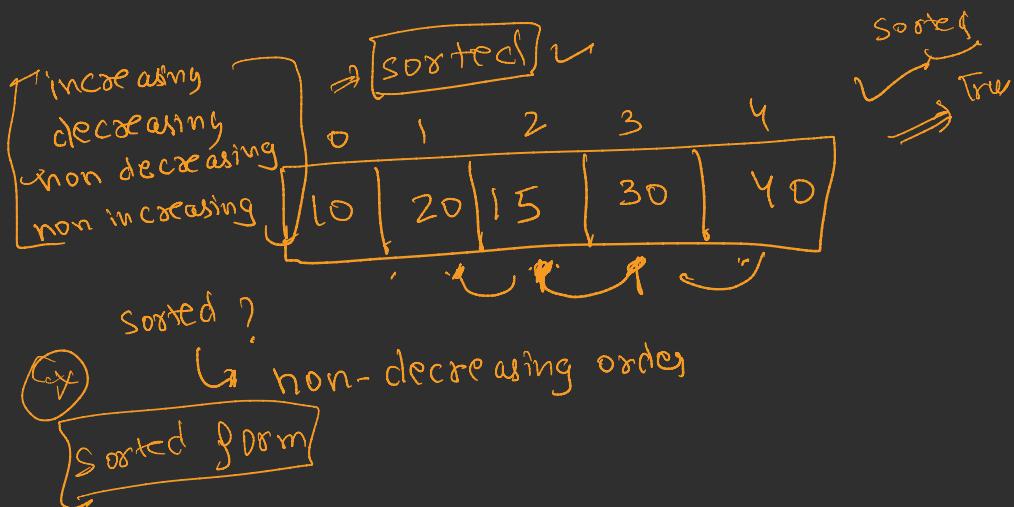
↓

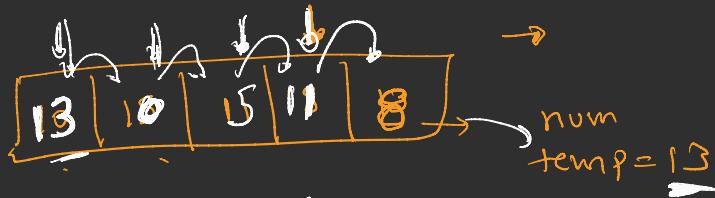
↙ [ 28 | 22 | 18 | 15 | 10 ] ↘

→ [ 18 | 13 | 28 | 26 | 12 | 4 | 11 | 17 | 3 ] ↘

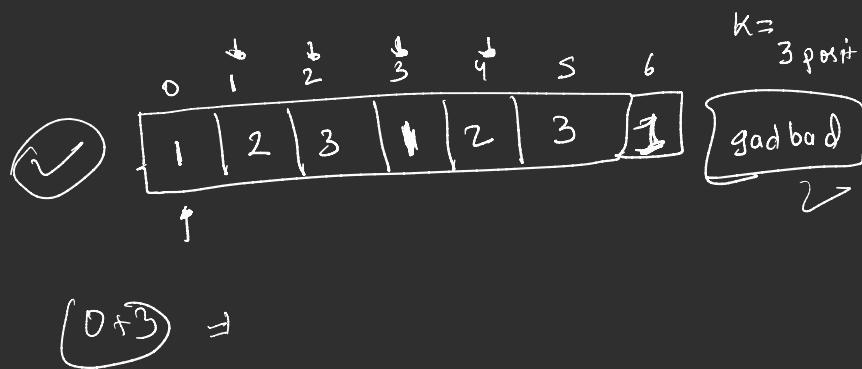
↑ ↑ ↑ ↑ ↑ ↑ ↑ →







- {
  - ① store the last number
  - ② iterate loop from  $n-2$  to 0;  
 $i^{th} \rightarrow [i+1]$
  - ③  $0^{th}$  index = temp
 }



$(S+3) \% 7$	$S+3 = 8 \% 7 = 1$	$T^m \Rightarrow 0$
$i$	$\boxed{1 \mid 2 \mid 3 \mid 4 \mid 5 \mid 6 \mid 7}$	$1 \mid 6+3 = 9 \% 7$ $\hookrightarrow \text{size} = 2$
$i+k$	$\boxed{0 \mid 1 \mid 2 \mid 3 \mid 4 \mid 5 \mid 6}$	$\text{if } k=3$ $\Rightarrow \boxed{7} \text{ size}$

$4+3 = \boxed{7}^{\text{th index}}$  ?

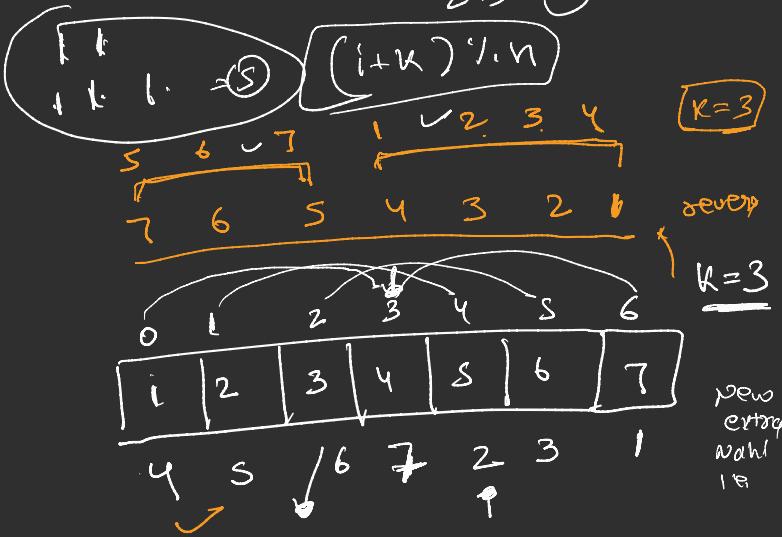
new position  $7 \% n \neq \boxed{0^{\text{th}}}$  ✓

$\boxed{(i+k) \% n}$

8	9	10	11
4	5	6	7
0	1	2	3
2	4	6	9

$$(2+3)\%4 \\ = 1 \text{ index}$$

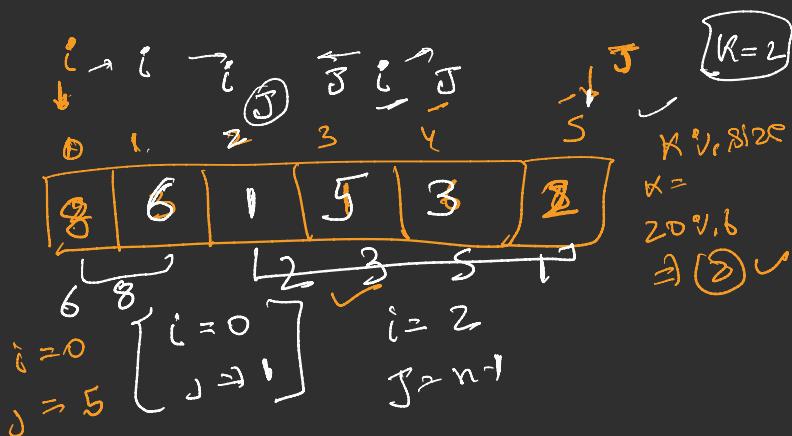
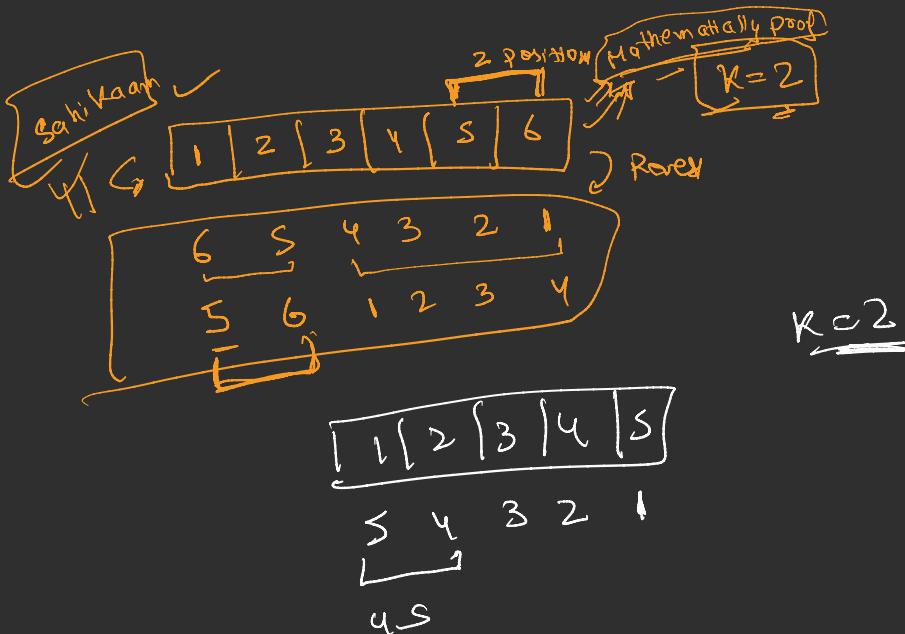
$$2+3=5$$



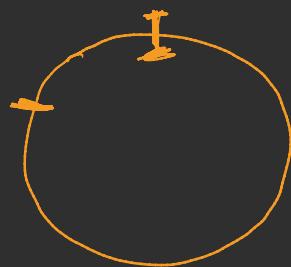
0	1	2	3	4	5	6	7
4	5	6	7	2	3	1	

new  
entry  
value  
1

0	1	2	3	4	5	6	7
5	6	7	1	2	3	4	



$i = 0$       ↓      ↓      ↓      ↗      ↗      ↗  
 iterate over array      [ 1 | 2 | 3 | 2 ]      Sum = 0  
 P      ↗      ↗      ↗      ↗      ↗      ↗  
 For ( $i = 0; i < n; i++$ )  
 {      Found = false;  
      For ( $j = 0; j < n; j++$ )  
      {      if ( $i == j$ )  
              continue;  
      else if ( $arr[i] == arr[j]$ )  
              Found = true ✓  
              break;  
      }  
 }  
 i if [ Found == false ]  
 sum += arr[i];



$\left[ \begin{array}{l} 1 = 1 \\ 2 = 2 \\ 3 = 1 \\ 4 = 1 \end{array} \right] \quad \text{freq}$   
 arr-size = 100 & maxm  $\left\{ \begin{array}{l} \text{elements} = 1 \text{ to } 100 \\ \text{Unique element} \end{array} \right\} = 100$

Number  $\rightarrow 0 \ 1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7 \ 8 \sim 100$   
 Freq  $\rightarrow \left[ \begin{array}{ccccccccc} 1 & 2 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \end{array} \right]$   
 $\rightarrow 100 \rightarrow 1 \cap 3 = 0 \checkmark$

