

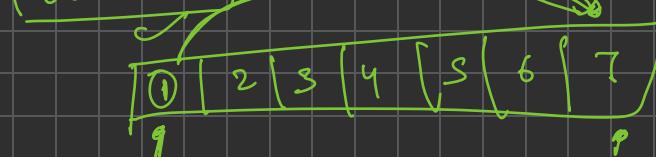
① if Left portion  
[ move to right side ]

Element  
note  
down

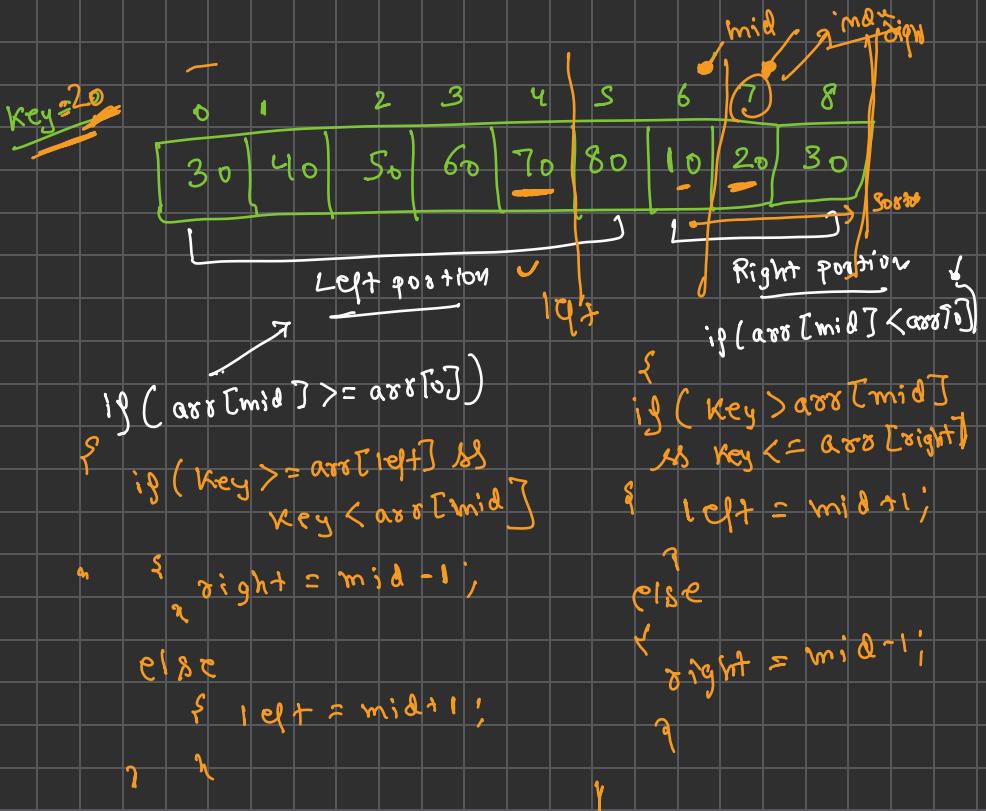
3 or to 0

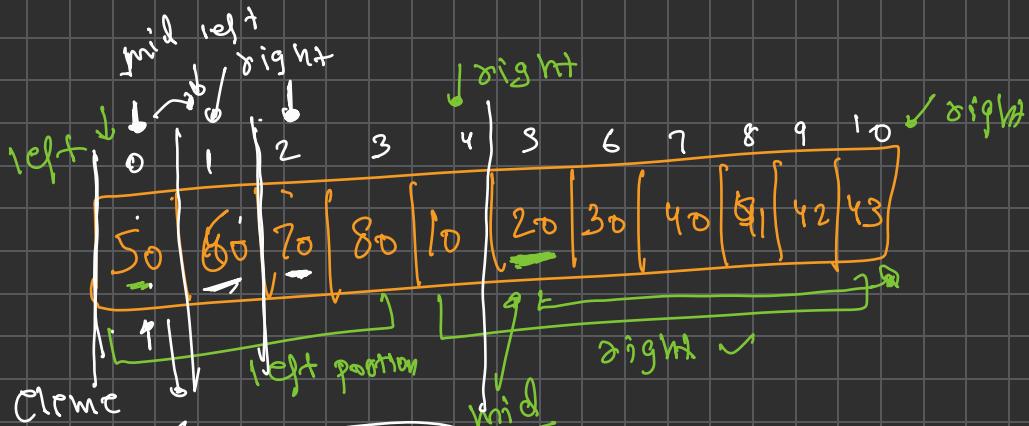
3 or to 0

Base case



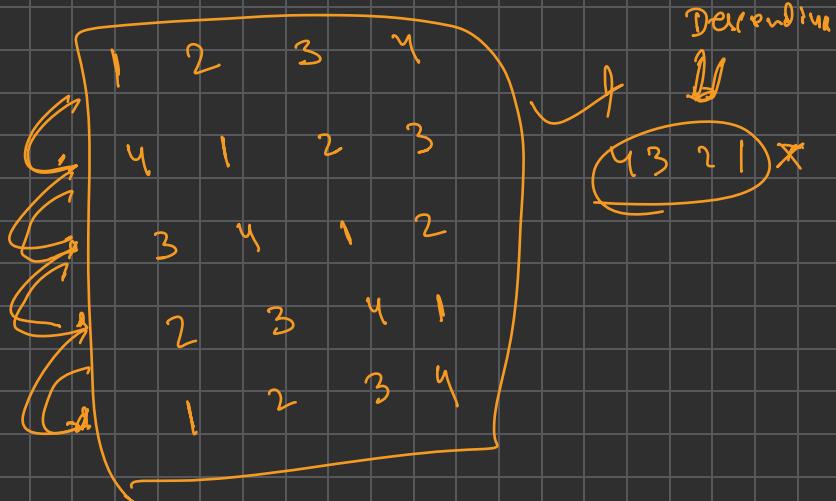
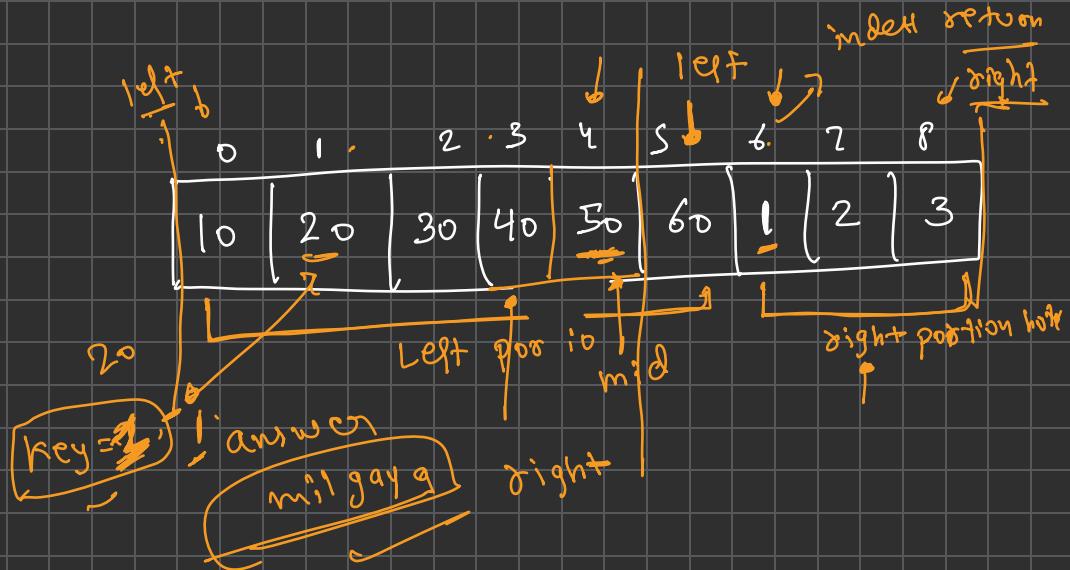
rotation





$$\text{Key} = \underline{\underline{60}} \quad \Rightarrow \boxed{\text{Answer}}$$

$$\left\{ \begin{array}{l} S_0 \leq 60 \text{ and } S_0 > 60 \\ \uparrow \text{left} \quad \uparrow \text{mid} \end{array} \right.$$



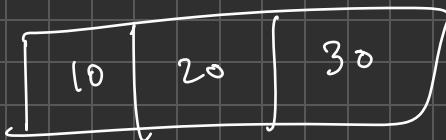


$K = 8$  5

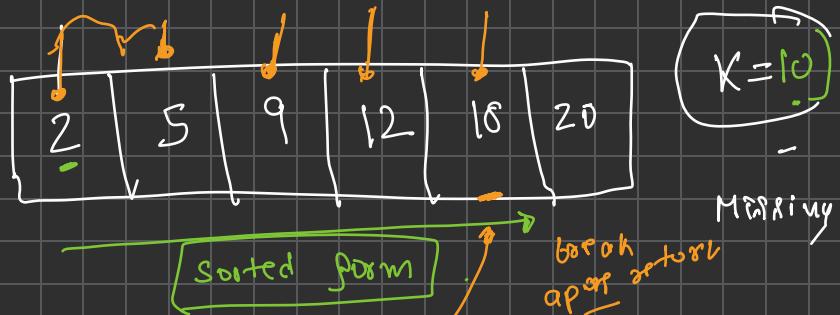
↓  
sorted  
pop

1 2 3 4 5 6 7 8 9 10

$K = 15$



1 2 3 4 5 6 7 8 9 10  
11 12 13 14 15 16



$$\text{num} = 10 \text{ } 11 \text{ } 12 \text{ } 13 \text{ } 14$$

