(1) 
$$start = 0$$
  $End = 7$   $PI = 7$   $i = -1$   $j = 0$ 

$$i = -1 \quad j = 0 \quad 871 \quad j = 1 \quad 8765 \quad 4321$$

$$i = -1 \quad j = 1 \quad 471 \quad j = 2 \quad ||$$

$$i = -1 \quad j = 2 \quad 671 \quad j = 3 \quad ||$$

$$i = -1 \quad j = 3 \quad 571 \quad j = 4 \quad ||$$

$$i = -1 \quad j = 4 \quad 471 \quad j = 5 \quad ||$$

$$i = -1 \quad j = 4 \quad 471 \quad j = 5 \quad ||$$

$$i = -1 \quad j = 5 \quad 371 \quad j = 6 \quad ||$$

$$i = -1 \quad j = 6 \quad 271 \quad j = 7 \quad ||$$

$$i = 0 \quad Suap(811) \Rightarrow 1765 \quad 4328$$

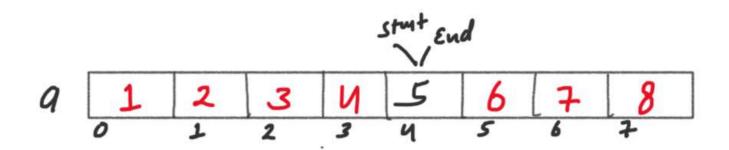
(3) 
$$5+\omega t = 1$$
  $\varepsilon ud = \hat{i} - 1$   $PI = 6$   $\hat{i} = 0$   $\hat{j} = 1$   $= 7 - 1$   $= 6$ 

Steat = 
$$j+1$$
 End = 6 PI = 6  $j=2$ 

$$= j+1$$

$$= 2$$

- 4 91 viznt position



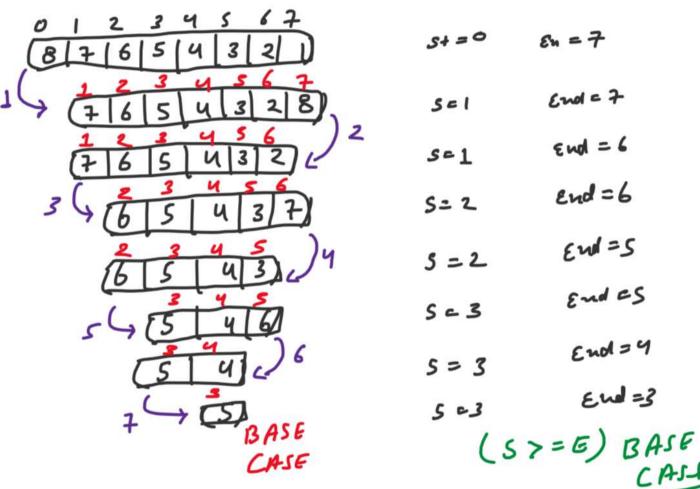
Steat = it | End = 4 | PI = 4 | i= 3. 
$$j=4$$

$$= 3+1$$

$$= 4$$

## RECURSIVE TREE





$$S+=0$$
 $En=7$ 
 $S=1$ 
 $End=6$ 
 $S=2$ 
 $End=6$ 
 $S=2$ 
 $End=5$ 
 $S=3$ 
 $End=S$ 
 $End=9$ 
 $End=3$ 

CASP