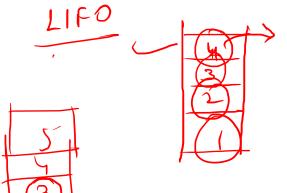
Delde Middle Element of a Steek

X

The: St= L1,(2)3, 4>

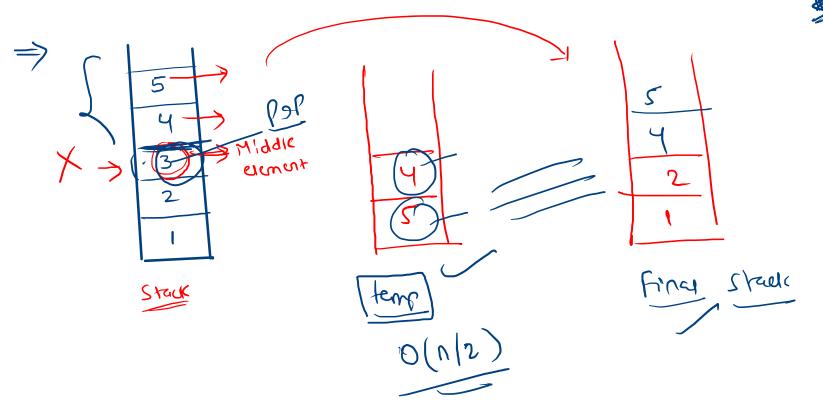
Olle: X +, 3, 4>

IIP:  $St = \langle 1, 2, 3 \rangle \langle 4, 5 \rangle$ 



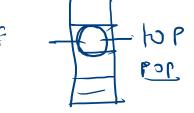
MAINETION

III:  $St = \langle 1, 2, 3, 4, 5 \rangle$ OIII:  $\langle 1, 2, 4, 5 \rangle$ 



$$J|P: St = (1, 2, 3, 4, 5)$$

$$O|P: (1, 2, 4, 5)$$



$$\begin{array}{c|c} \hline \text{Count'=1} \\ \hline \end{array}$$

$$\begin{array}{c} \Rightarrow \\ \hline \\ 3 \\ \hline \\ 2 \\ \hline \end{array}$$

$$\begin{array}{c} \Rightarrow \\ \hline \\ 2 \\ \hline \end{array}$$

$$\begin{array}{c} \Rightarrow \\ \hline \\ 2 \\ \hline \end{array}$$

$$\begin{array}{c} \Rightarrow \\ \hline \\ 2 \\ \hline \end{array}$$

$$\begin{array}{c} \Rightarrow \\ \hline \\ 2 \\ \hline \end{array}$$

$$\begin{array}{c} \Rightarrow \\ \hline \\ 2 \\ \hline \end{array}$$

$$\begin{array}{c} \Rightarrow \\ \hline \\ 2 \\ \hline \end{array}$$

Reconside

I|P: 
$$St = (1, 2, 3, 4, 5)$$

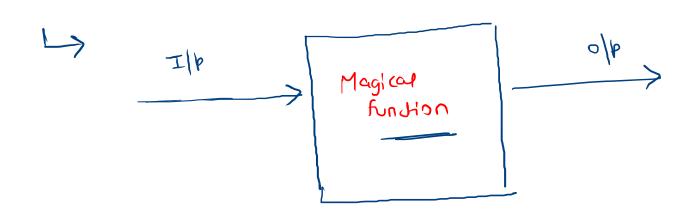
$$5|2 \rightarrow \bigcirc 2 \rightarrow 2$$

$$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \\ \end{array} \end{array} \end{array} \end{array} \begin{array}{c} \begin{array}{c} \\ \\ \end{array} \end{array} \begin{array}{c} \begin{array}{c} \\ \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \begin{array}{c} \\ \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \begin{array}{c} \\ \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \begin{array}{c} \\ \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \end{array} \begin{array}{c} \\ \end{array} \\ \end{array} \begin{array}{c} \\ \end{array} \\ \end{array} \begin{array}{c} \\ \\ \end{array} \begin{array}{c} \\ \end{array} \begin{array}{c} \\ \end{array} \\ \end{array}$$

(ar((0-1)/)

Remusive

$$I|P: St = \{1, 2, 3, 4, 5\}$$
 $O|P: \{1, 2, 4, 5\}$ 



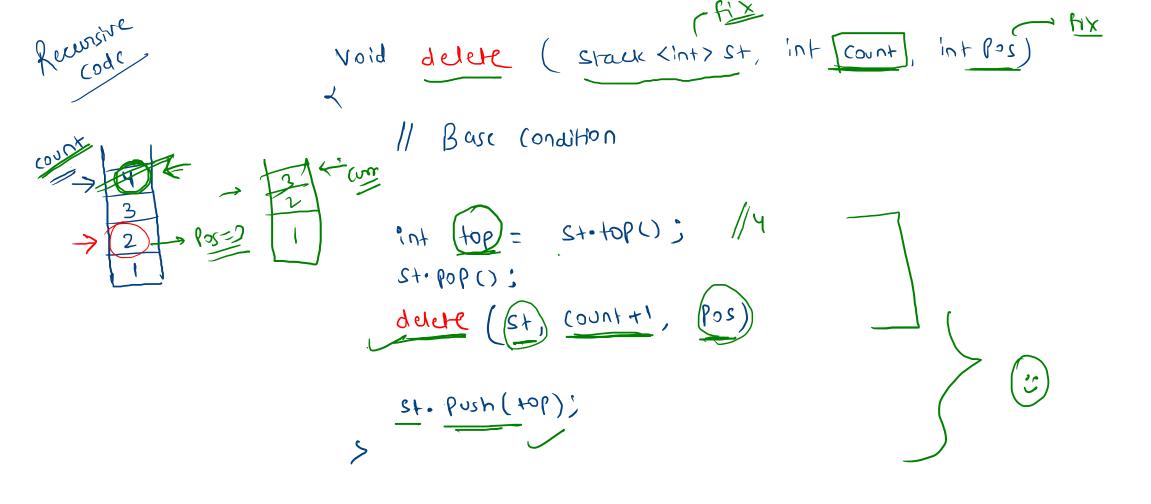
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t	3	
1	2	
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Reconside

st = 11, 2, 3, 4, 5 > COUNTZ Count olp: <1,2,4,5 > Count= 2 Count=3 POP 0/4 I/þ Magical nothing Magical Function V Stack Will cheek if (Count == Pos (ONUT) Cont then dule it Jos CONI Count Comt = 2

Post

I/P: St = (1, 2, 3, 4, 5) T T Count = 1 Function Checks if [Count == Pos] POP if not Variable. Pop count and store element in France then, and Coul Recunsive Function for [count +1



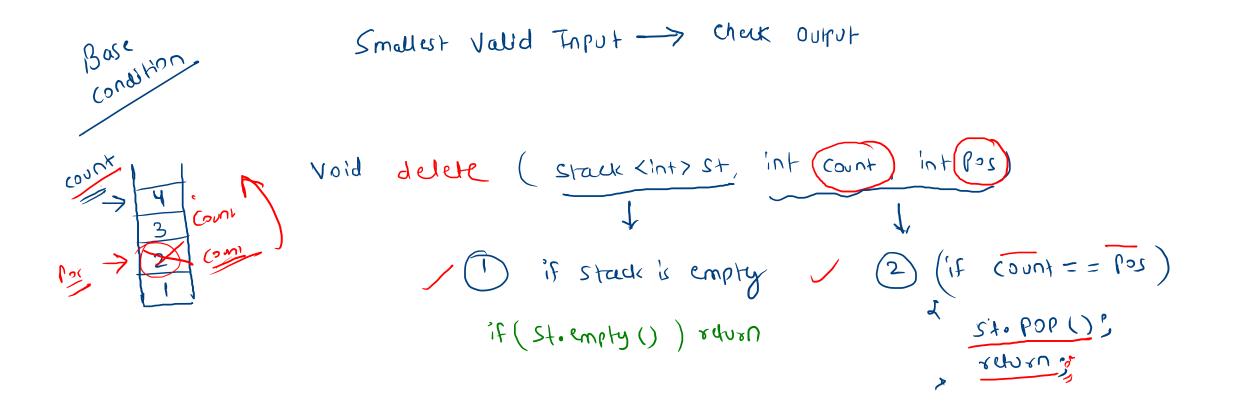
Base

Smallest Valled Input -> Check Outrut

(void) delete (stack <int>(st), int count, int pos)

if stack is empty

if (st. empty ()) rourn;



count 2 (ount

```
Void delete (stack <int> st, int count, int Pos)
  ~ if ( stoempty ()) & churn;

~ if ( count == Pos) & sto Pop(); return; > ] Base

condition
- int top = St.top();

St. pop();

delete (St, Count+1, Pos)

St. push(top);
```

