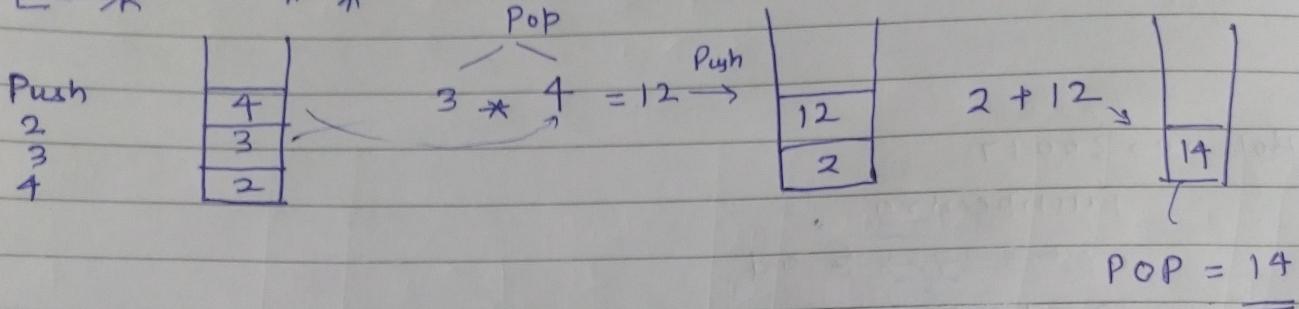


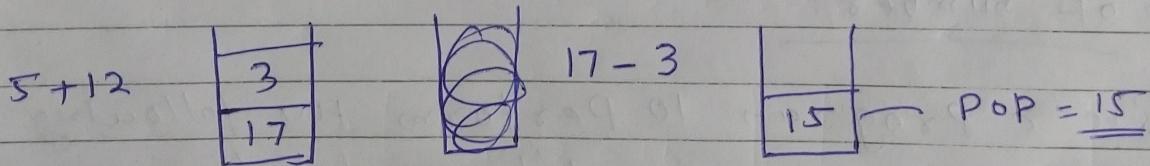
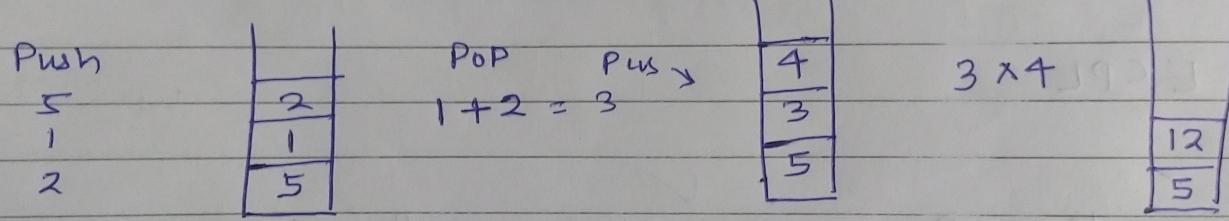
Day 2 Assignment:

Q2 → Evaluate following Postfix expressions:

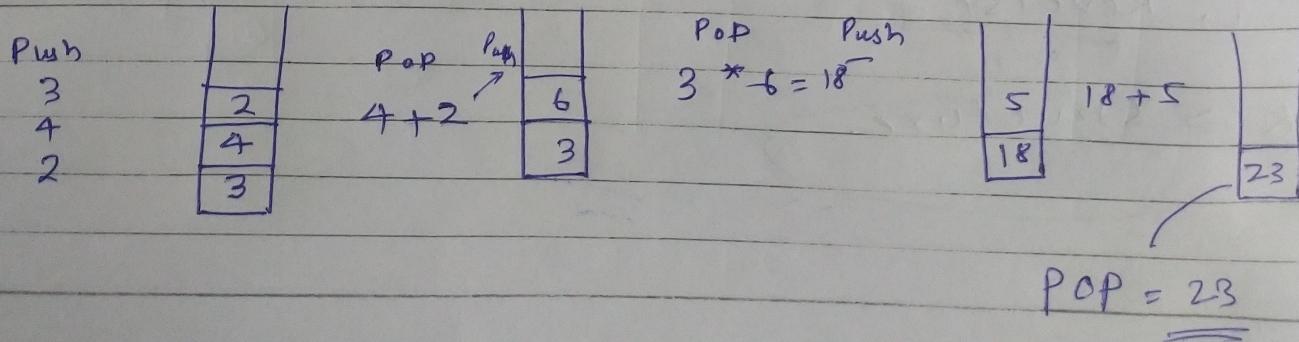
① $2, 3, 4 * +$
 $L \rightarrow R$



② $5, 1, 2 + 4 * + 3 -$

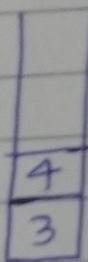


③ $3, 4, 2 + * 5 +$

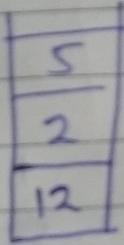


$$\textcircled{4} \quad 3, 4 * 2, 5 + +$$

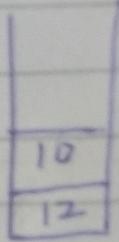
Push
3
4
in
stack



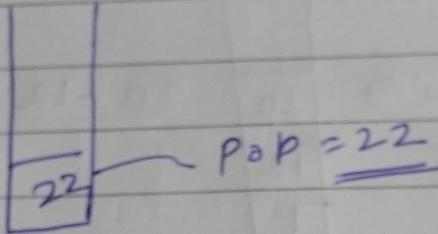
$$\text{Pop} \quad 3 * 4 = 12$$



$$\text{Pop} \quad 2 * 5 = 10$$



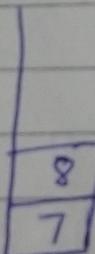
$$12 + 10 = 22$$



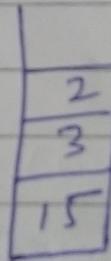
$$\text{Pop} = \underline{\underline{22}}$$

$$\textcircled{5} \quad 7, 8 + 3, 2 + /$$

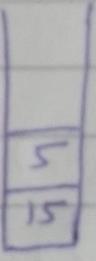
Push
7
8
in
stack



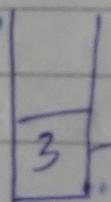
$$\text{Pop} \quad 7 + 8 = 15$$



$$\text{Pop} \quad 3 + 2 = 5$$



$$\text{Pop} \quad 15 / 5 = 3$$



$$\text{Pop} = \underline{\underline{3}}$$