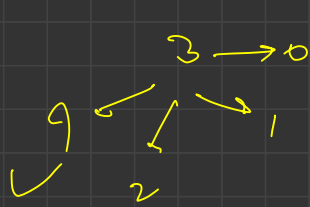
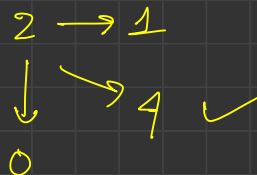
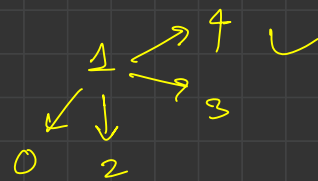
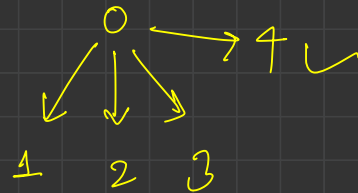




# Celebrity Problem

Elimination Method!

	0	1	2	3	4
0	0	1	1	1	1
1	1	0	1	1	1
2	1	1	0	0	1
3	1	1	1	0	1
4	0	0	0	0	0

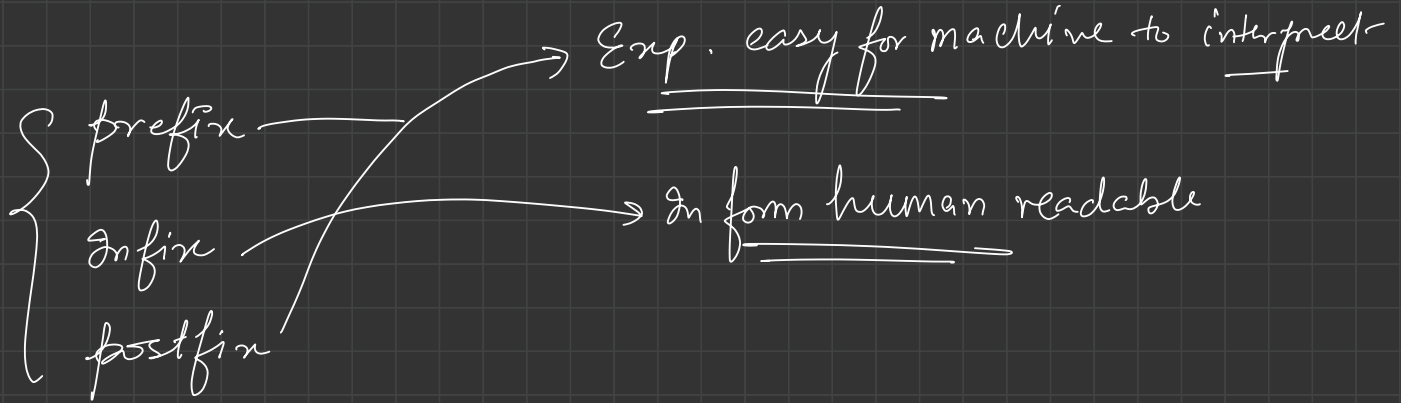


4 → Celeb  
→ Ans

4

# Infix Evaluation

Infix expression



Infix Exp =  $a + b$

prefix :  $+ ab$

post :  $ab +$

$$Exp = ((2 + ((6 * 4) / 8)) - 3)$$

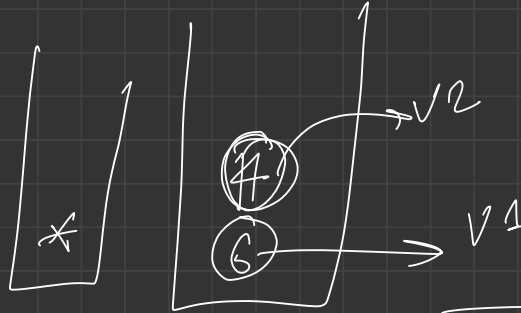
*(Note: In the original image, the expression is annotated with 'x' marks under each token and arrows indicating the flow of evaluation from the innermost parentheses outwards.)*

precedence

inc.  $\uparrow$   $*$ ,  $/$   
 $+$ ,  $-$

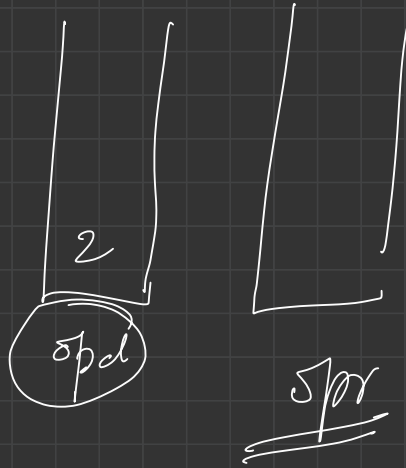
opr

2  
 opd



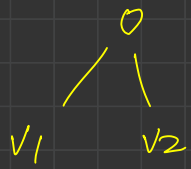
$$[6 / 14] =$$

exp =  $\downarrow \downarrow \downarrow \downarrow$   
 $2 \times 3 / 3$  —

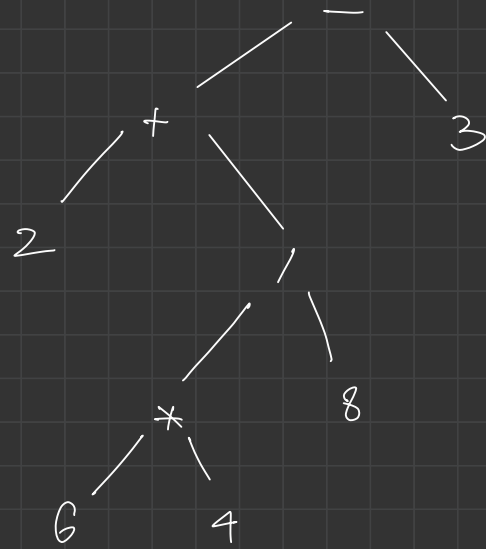


$$6 / 3 = \boxed{2}$$

Exp:



infix     $v_1 \ 0 \ v_2$   
prefix    $0 \ v_1 \ v_2$   
post      $v_1 \ v_2 \ 0$



$\{ - + 2 / * 6 4 8 3 \}$   
prefix

$\{ 2 \ 6 \ 4 \ * \ 8 \ / \ + \ 3 \ - \}$   
postfix

6 \* 4 / 2 + 3  
~~7~~ ~~7~~ ~~7~~ ~~7~~ ~~7~~ ~~7~~ ~~7~~

