

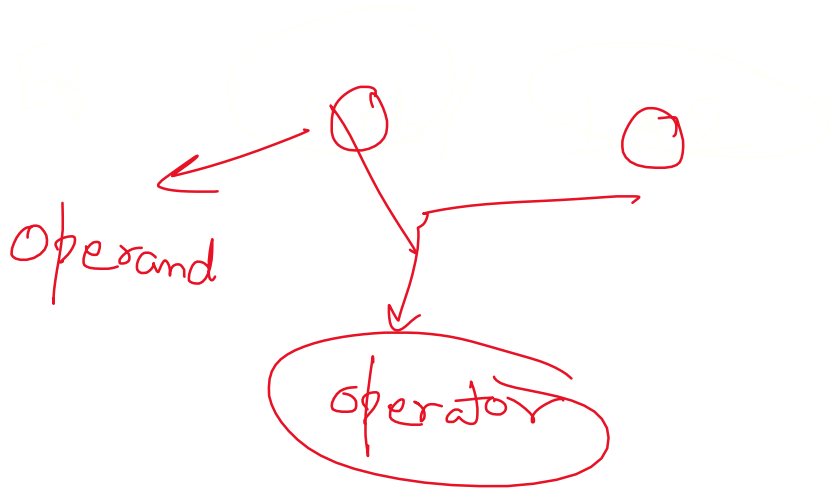
# Types of Notation

## → 3 diff way of Notation

→ used to evaluate Mathematical Expression

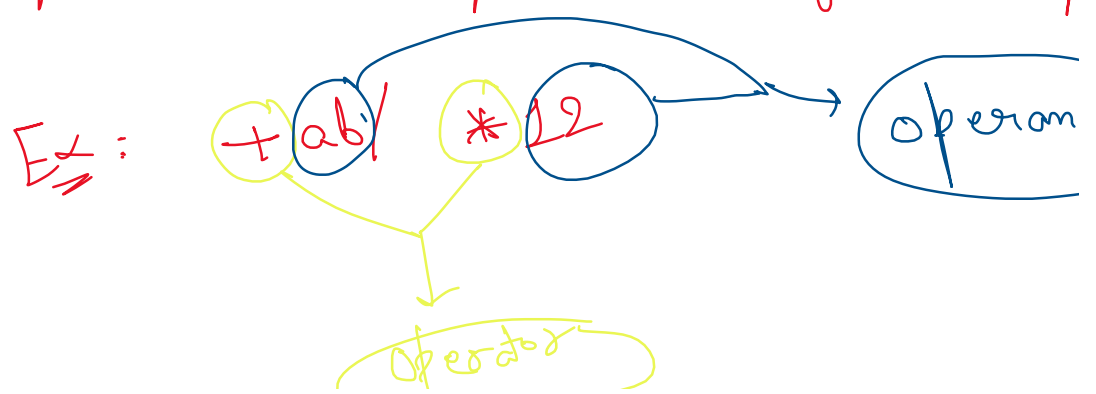
### # Infix

→ Standard way to evaluate Mathematical Expression



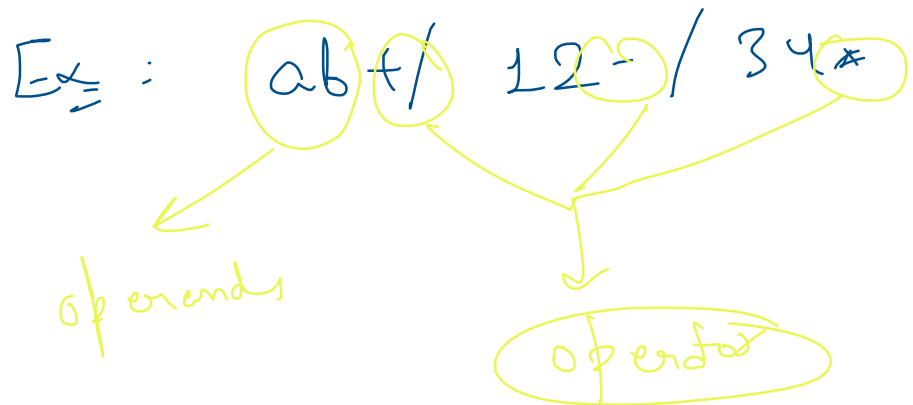
### # Prefix

→ operator is placed before of



## # Postfix

→ operator is placed after the op



## # observe



#

## Infix



Mathematical Ex



Calculator

Ass / Precedence

L-1  
Ex

same

Add, Sub < < (

Ex: Str = " 9 - 5 + 4 \* 3"  
↓  
Calculate

→ ( 2 to R)

→ (

int

int

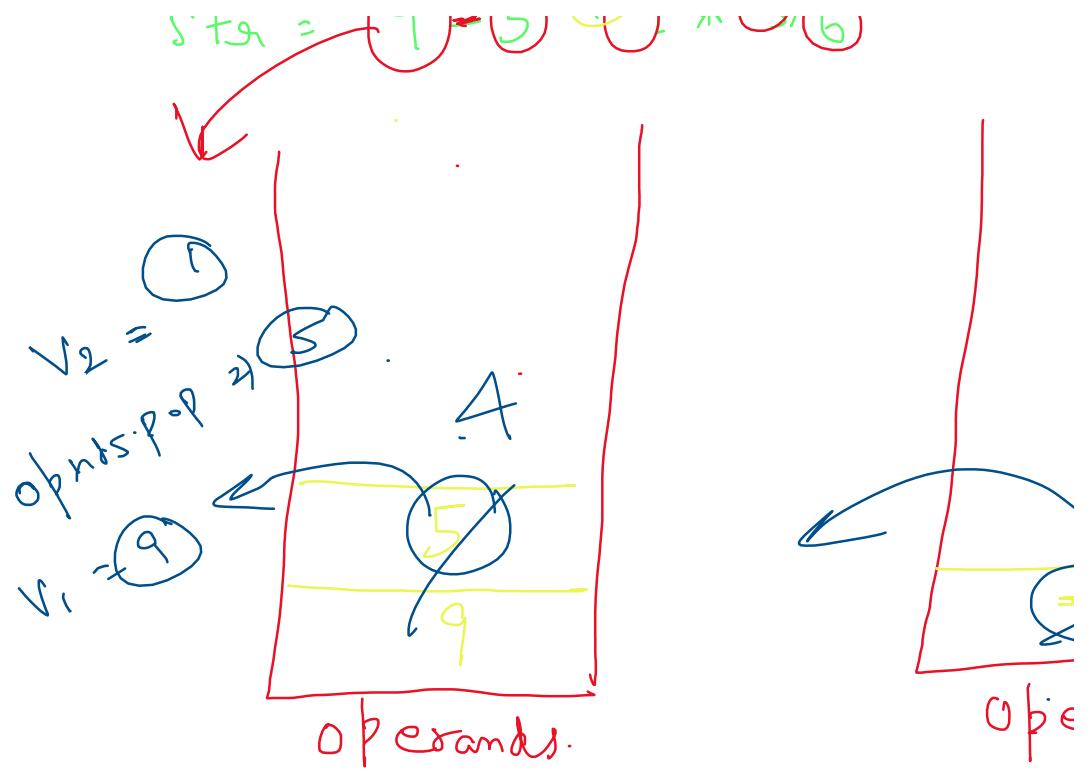
infix =

9

(

)

"( 9 ) - ( 5 ) + ( 4 ) \* ( 3 ) / ( 1 )"

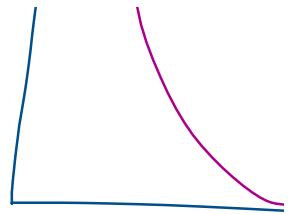


operand.push( $V_1$ );  
 operator.pop();  
 operator.push();

0 → 48  
 9 → 57

$V_2 = 5$

$$V_1 = 9$$



$$\frac{\partial \mathcal{L}}{\partial c}$$

$$V_2 = 6$$

$$V_1 = 12$$

Stacks <

Stacks

for





