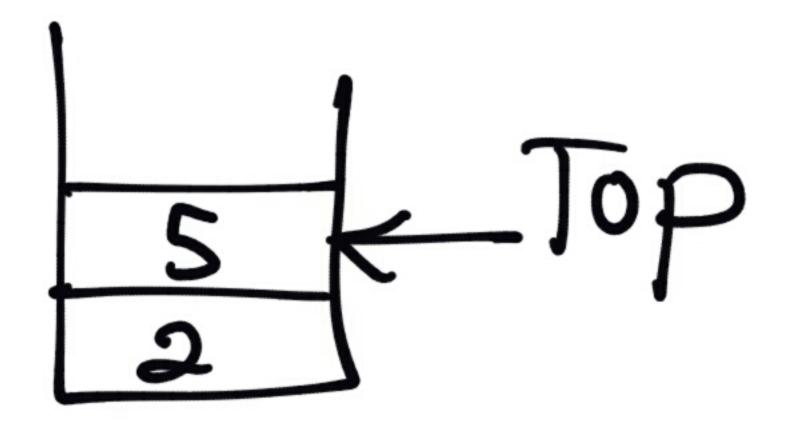
Introduction to Stack

A List with the restriction that insertion and debetion can be performed only from one end Called top of Stack Stack of books IIFO Stack plates >



Top 2

or Plications (1) Function Calls 2) Recursien eg. n!=n (n-1)! (3) Implementies undo operation (4) expression Parsing (C)

Balanced Parenthuses (C)

Traverse any list at remove or dur

array-based Implementation Push (X)

Print Eros

Top else { Top <- Top +1 5tack[Top] +1

3 If (+ap=-1) Print "Eror" Pop() Push, Pop (3(1)

Linked list implementation af Stack Push (X)
2// Create node, fill it temp = new node() temp. date=X temp. next-top

else temp=top top=top.next 3 return (temp. Data)