## Stack and Dreve

\* What is a stack!

\* Stack is a linear data storce twose that follows the Lastin, First Dut (LIFO) principle of dat

# It means that the element that is invested last will be the just one to be surround and the element that is invested just will be surround at last.

- D Implementing a stack:

a linked list

to store the stack elemente and use a pointer to kee torack of topmost elemente of the stack.

pueh, pop, peek, is Empty and is Full to the Wester

- Representation of stack in c:

that contains fixed-size arrang in a which stores data of the stack and an index pointer which is used to track the top element of the stack

type and [MAX\_STZE]:

- Algorithm:

\* Declare a Stack S

\* Now totalesse the empression wing stack

O I the current character is a starting brack

3 H Claring becent ) or Jor J the pop from Stack and it popped character is matching