* Black: - Stack in a life da fa structure
Item added last can be the first
Hem added last can be the first to take out. In stack the element
ouly insert and delete from last.
pop(), PEEK() and pugh()
-> Peek is also called top.
-> Popl) will delete item from last. -> Peek will give up last or top item. -> Pugh will jurest item af end.
- Peek will give we last or topitem.
> Pugh will jugest i tem ad end.
Pueifen that's inserted girst will
Meifen that's inserted girst will
be taken out first.
> Auxthing added into queue in
done at the last from the last
and removing can be done from
and removing can be done from the first.
Li mad

-> deque : no remove item from queup -> enque : no insert item afthelast.

-> Peele: Return birst item.

* FIFO is implement using Array and linked list. * for stack we use array and bor queue we we liked list. * Operation-wise complexity [Stack]

> Delete/POP -> O(2) > Tuserf / Push > 0 (1) -> Accey/Peek -> O(2). + Operation - wise complexify (Queu) -> Deque (delete) -> 0 (n) because -> Enque (Swert) -> O(1) -> Deek (Access) -> O(1) + performing Queue with linked Cist will improve complexity. Deque - 0 (2) Enque -> 0 (2) Peek -> 0 (1).