Friday, 26 March 2021 8:34 PM Stack data structure last in first out push (adding something to stack)
pop (semoning from stack) peck(); Stock (Integer) 12 = stack(); Implementations: 20 40 50 60 70 c. gush (20); 8-puels (30); ->s. push (50) 2. brod (20), Pros -> Easy to Emplement. \rightarrow push (pop $\rightarrow O(1), O(1)$ & dynamic ball J. [add at head()] [remove at head] puels (10); - pach (20);
- couch (30); -s push (40); -> cpach 150): Tos 6 puella () } addal heag(); popl > 3 semon at head(); (1) open bractets must be closed by same type of brackets open bracket must be closed in correct order s= ()[]{3 S = [(] Jalee s= ()[{()3] true s = ((()) false レ ブフ レレン レレレレレ (()()(()()))left = 121732732 9f (left = ==0) Bracket opened last well be closed Given a stack, reverse 20 30 40 50 50/40/30/20/10 Rearmon insert at Rollom () in sertat Rollom (30) [10 [50] 90 [40] 30 10 50 90 90 50 40 30 20 10 Meverse () ch = 50 sporc)
reverse(1)

TAB(50); ruverse () { ff (S== empty) & relearly 40/30/20/10 d = s. pop () ; 40 30 100 reverse (1) InsectAt Bottom () & Insert At Bottom (x) 2 20/10 50 400 35 ff(s = = empty) & s. puch (x) 3 ch = s.pop()1 IAB(x); s-push(ch);