Stolck

- · Stack
 - · Applications
 - · Implementation
 - Keeping minimum in Stack Brockets Scolnence

Stack 1. IFO- Lorst in Finst Out · push (x) · pop()

Heap 10000 nerord 1 Null Local Call Ref 444 Previous bast

Implementation

- ·Arroys
- · Linked List-

A:
$$\frac{1}{234}$$

Push(X)

if $(+op=5i2e)$

evror

else;

 $+[+op]=X$
 $+op+2$

Popl):

If top==D:

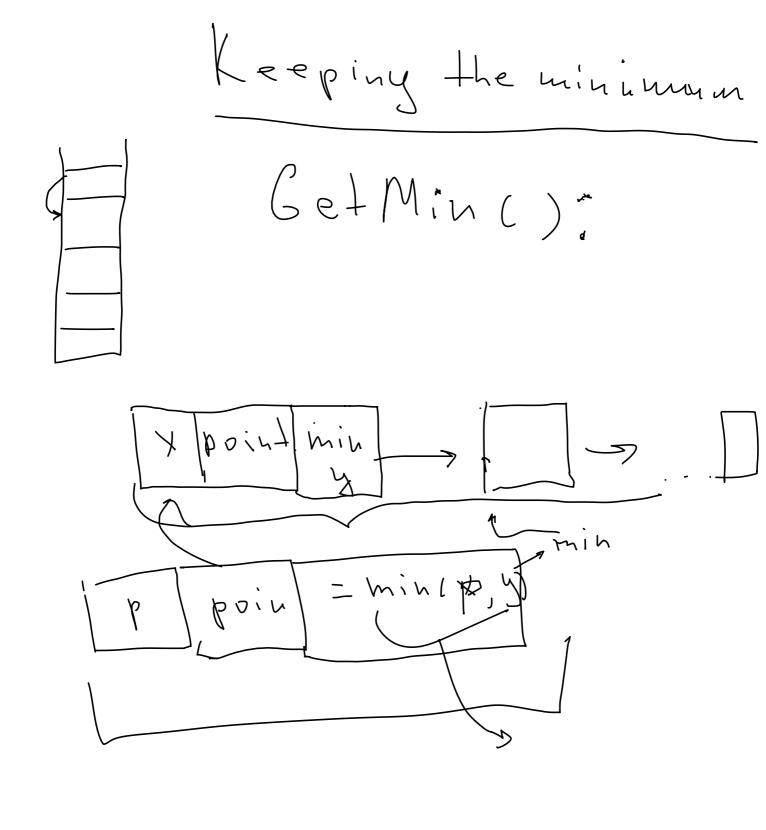
evrov

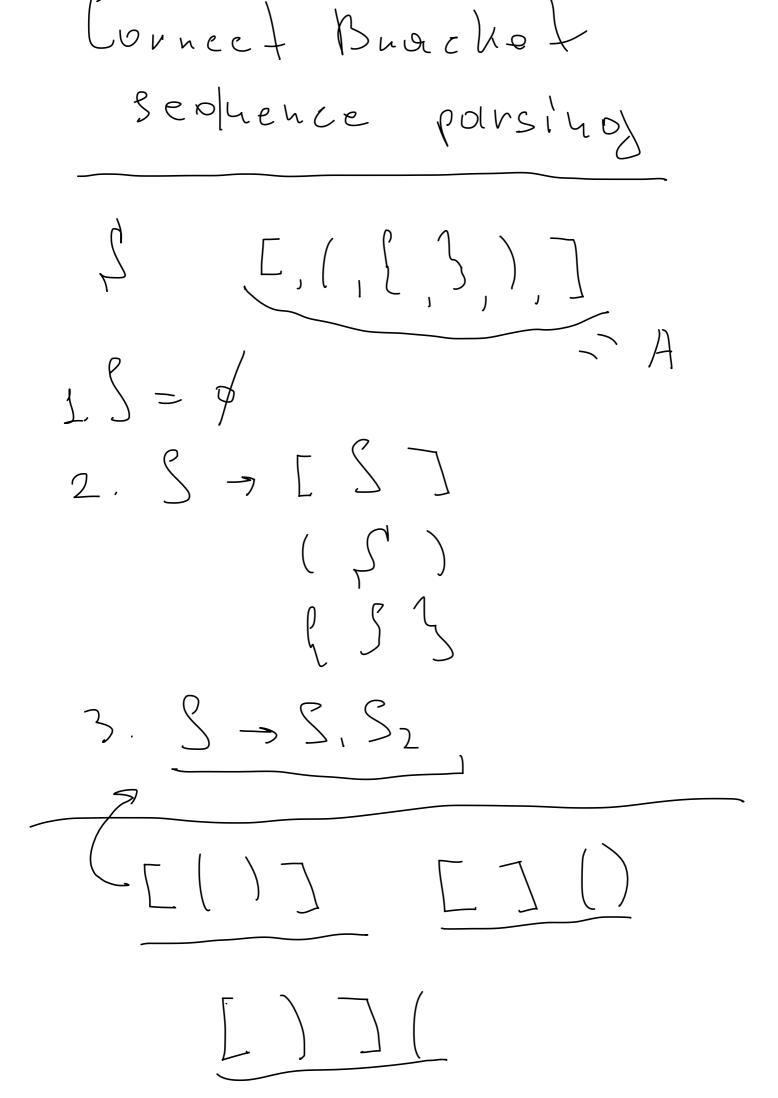
else:

return Actop]

Append (DI)

1) 45 h Heorol Inul COBacita = x Push(x): hew_hered= Node (x) hew-heold. hext = head heord - hew-head () op). OPd_heold = heold. heold - old-head yext return old heold judly





Problem: A sexhence Sof elements from A. Is Sa connector not! ([]) conhter),],],] counter LO

symbolis S; if 3 ymb of = 1 (1) [] 3 tack, push (symbo) if (3 fack, cmpty): return NO 3 kg m bo (= 1) § \$ 5 tock. top() = [];

retun NO it symbol =] } 5/ack top= (1 return NO stack.pop()