The main problem is handling the increment operation.

increment (index, value) > Stort we know how to work around

the operations. It we can do Lazy propagation on this array

krauge of one condition.

If ind inc (index, value) if no of elements in the stack is lys than index, then only increment the values which are left in the Stack.

(My thought process)

Well I was thinking  $[1 \longrightarrow K_1] = val_1$ that means kinderes from  $[1, K_1]$  to be increased by val\_1. again increment  $[1, K_2]$  to be increased by val\_2.

(Val) K2

I was thinking abt using segment thoo with Range Updates. Using Lasg propagation.

update ( 1, K2, vale)

Stack-

Check which element is getting popped like which number or indes. Then just get walker sum ( indes, indes) =) get Kange som.

again sum upallate happans

update (1, N3, Vol3) => { Jegment three Lazy }

propagation update.

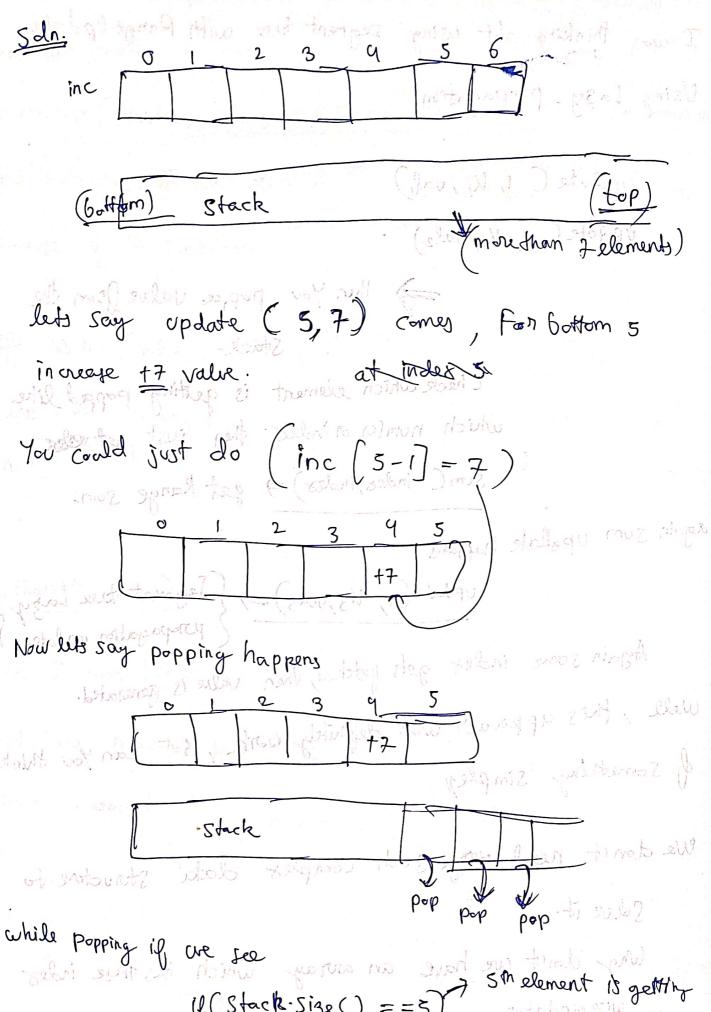
Again some indet gets fetched, then value is generated.
Well, this approach will definitely work, but can you think
I something simples

Eve don't need very such complex darks' storucture to Solve it.

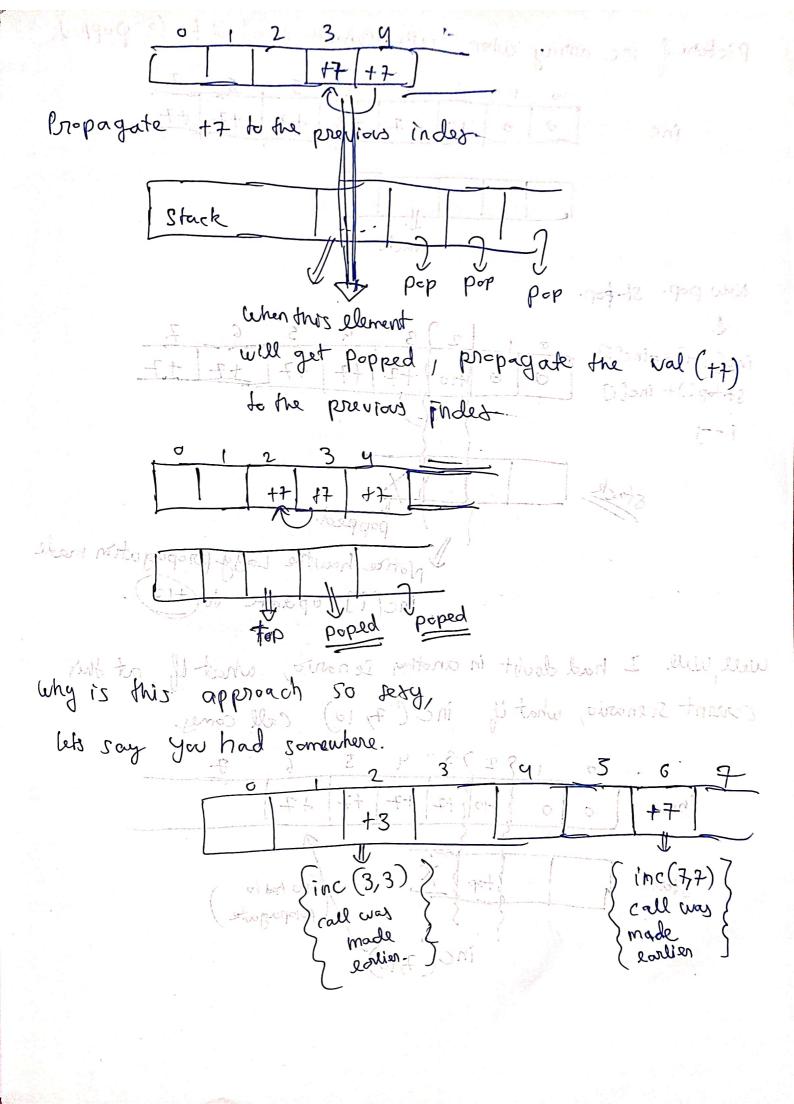
Why don't we have an averay which has these index

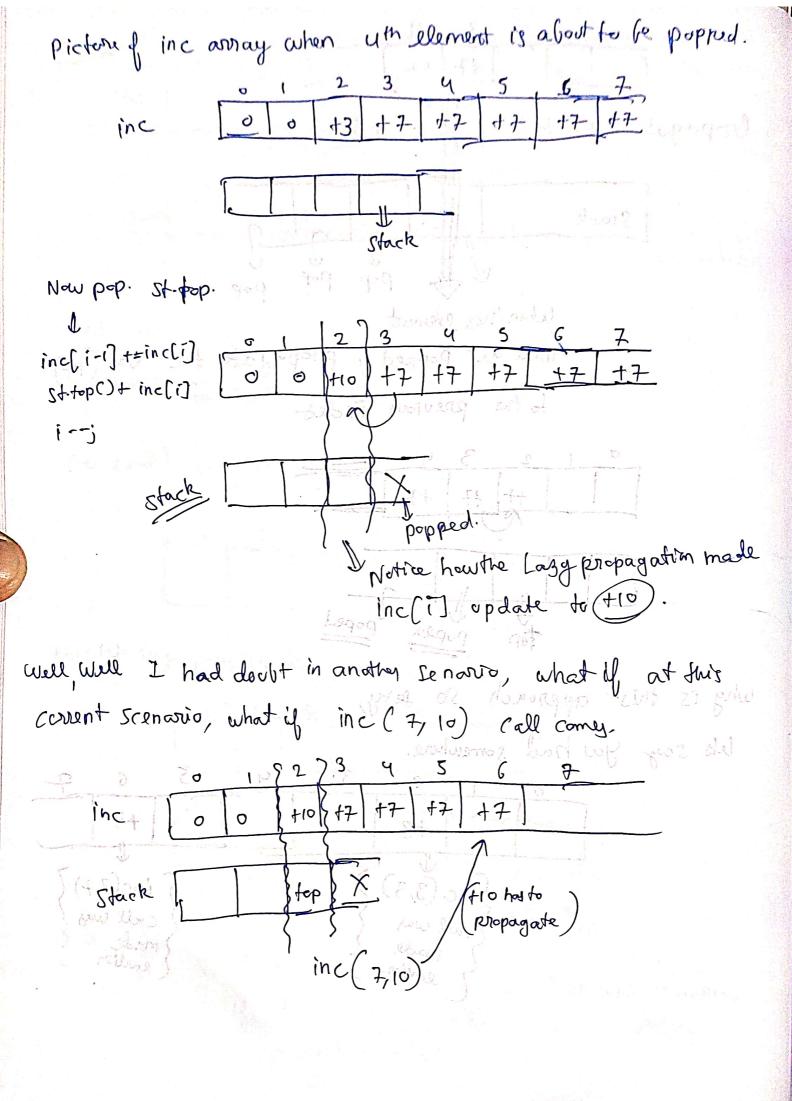
, Wagadoot.

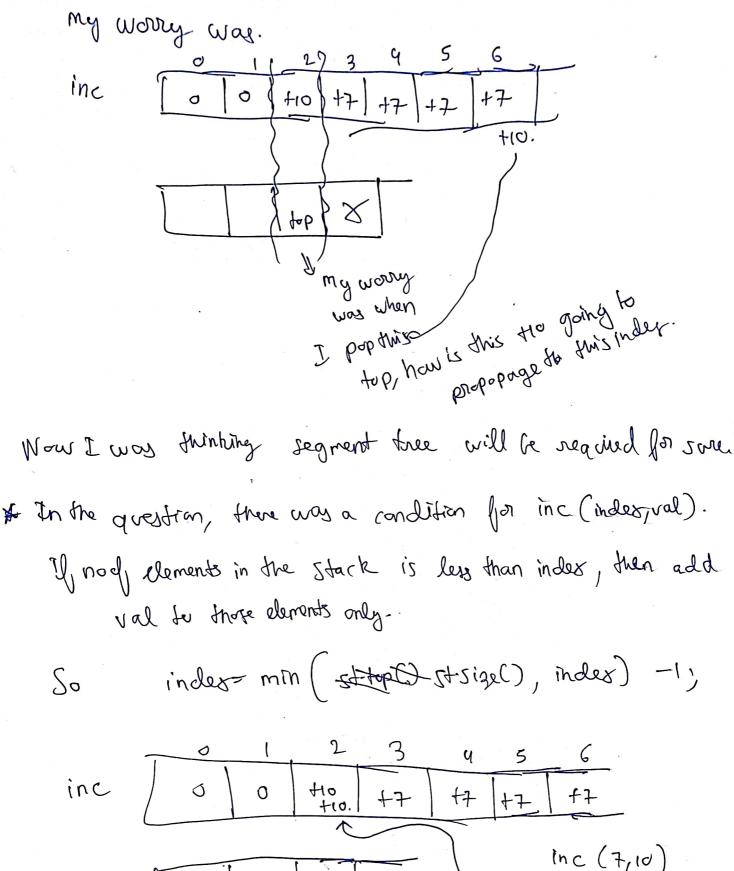
wise or polaries.



If (Stack-Size() == 5) popped Stock-poll(); inc[i-1] += inc[i]







Now when you pop the top, you get inc (3,10).

top+20 and do inc[i-1] += inc[i]