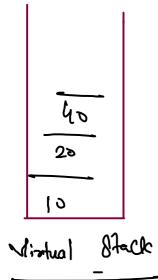
Stack

push pop

Peck

giv



push- Efficient --- o(1) peck, remove] - odd(n) Size __ mainq:size helper-

> I not popert and dad it halfer our, 0(1) push + 10 0(1) pun - 20 (1) bry -130

 $push \rightarrow adolest \rightarrow O(1)-add \rightarrow addlest$ pop - Remove last - 0(1)-remove - Remove Figh peck → got last ~ o(1) peck → got fixt Size = size - 0(1)-Size - size.

add Efficient

10/20/40 HelperQ

main

push (intibal) { main () odd (10)

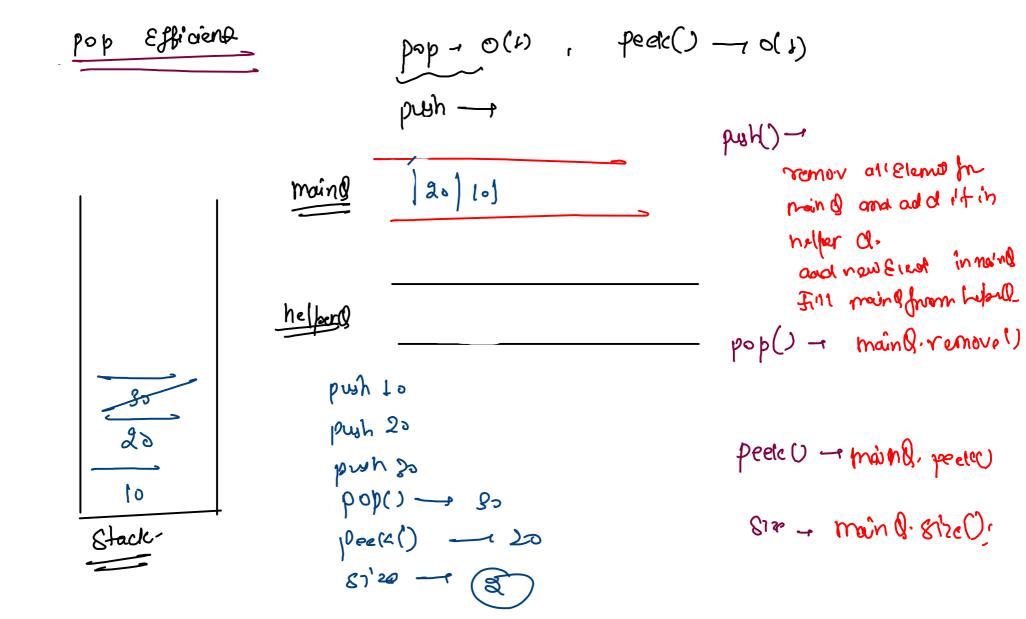
poek 35 m-1 Slent 2) romove add Helper get valu of 0

change organence. - Kelurn Value.

push - lo 12my -422 push -3 g ~ () clad and it in kelters push — + 43 pæk0-

(Size -1) remove from main Q and add 17 In helper homore last Elementand octum val change reference of municiple (halper ()

push pop valzs helper 0 /10/20/30 peek _ main - (10 helloer= 210 950 p= 10 temp = a; 0 = 6% b= fenp; Size



Stack to Que. - Add Efficient add-Efficient - 0(1) romove (06) 30) 40 50 Que add -110 add - 20 add - 80 bellow 67 somore - (10) get EastEh main St Helper S7 add - 40 Mrane. and - so retur) 100ek () - P 20 Size _ roainst. size

Ouve from brade. Removo Efficient

30 40 50 push - 10 youh - 20 push - 30 push _ 40 Cal pun (B)

