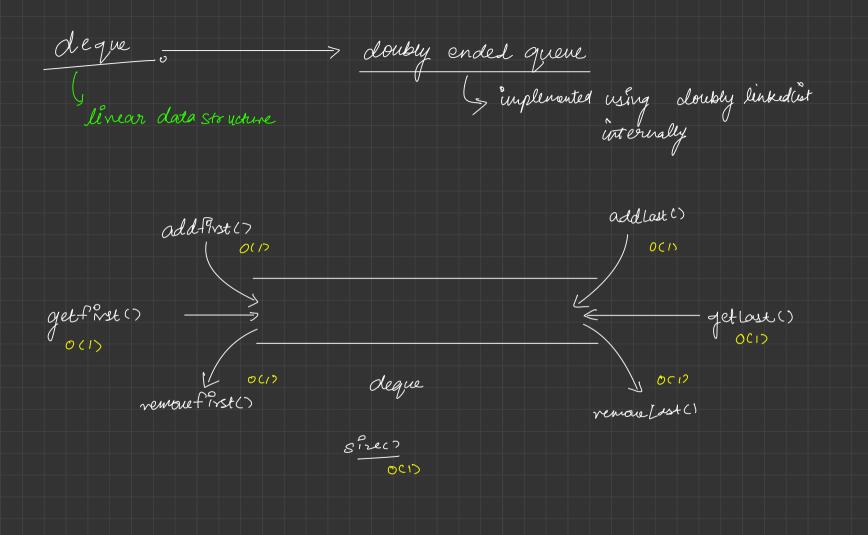
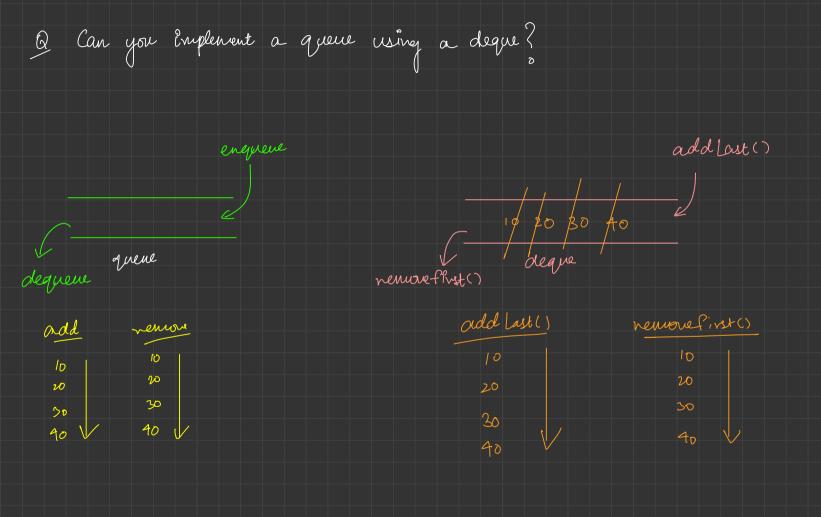


Quem (G7 que-name = new Array Deque <7(); Methods (4) Size() O add() (2) remove () 3) peek() to see the front enqueue dequeue Size of queue Quem < 67> que-name = new L'inkedlist < >C); a) sile() D poll () B) peck () (1) offer ()

add()/Enqueue queue (que remone() dequere que add (10) gre. ald (20) que rekli >> 10. que, si 2e () - 5 1

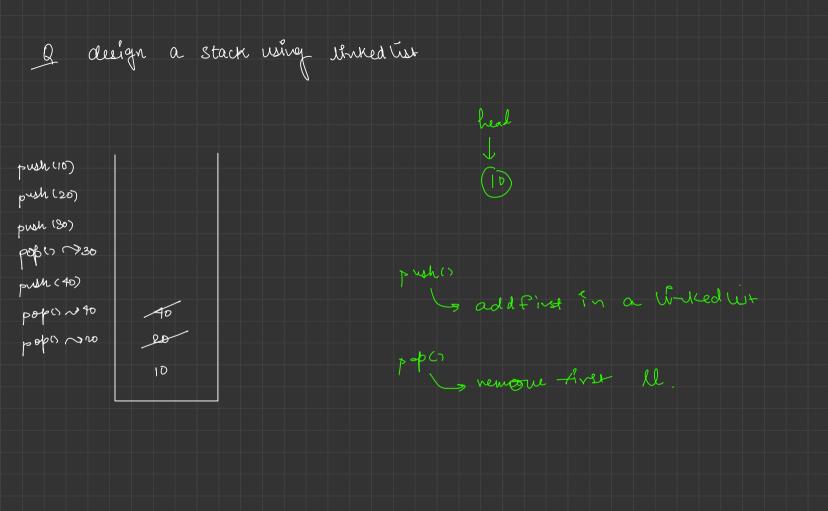
Gunear data structure
(3 follows fifo (forst In, flost out) Metwods (, add(), vemone(), poek(), size() TC:0(1)





addfirst() removelant () nemone Last () addfirer 20 20 30 > 40 10

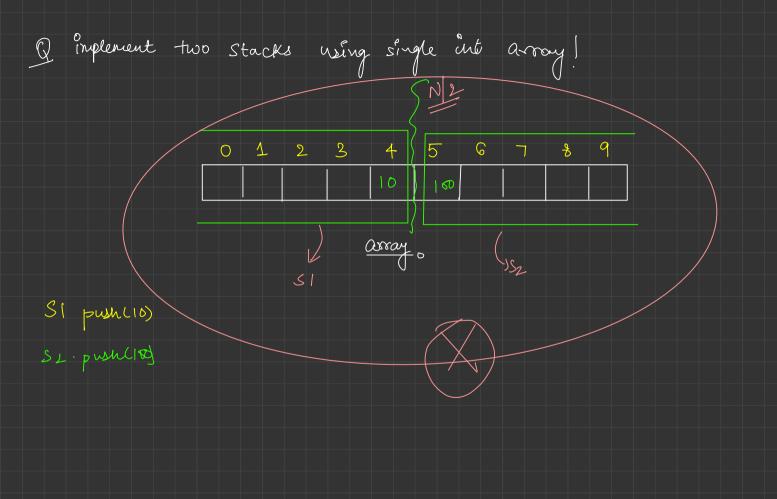
Q Can you implement a stack using deque? add last () addfivet() remove fi-et ()

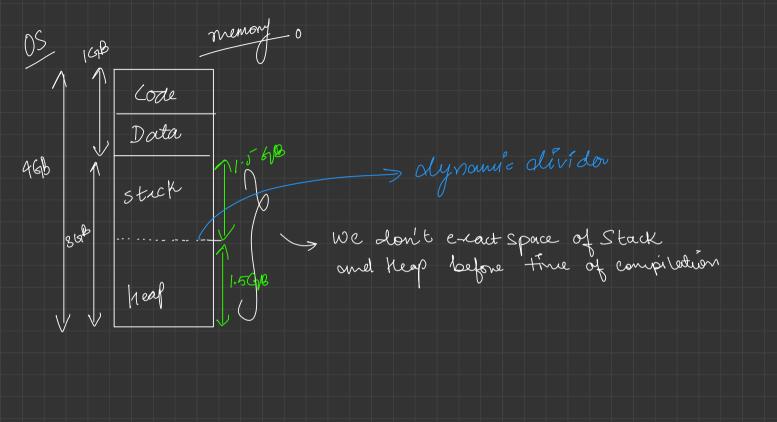


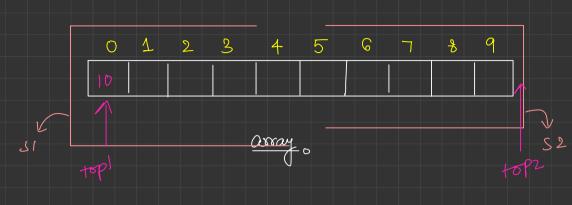
queue using linked list

head

\[
\begin{align\*}
\tail \\
\left(10) -> \left(20) -> \left(40)
\end{align\*} Q design a queue







SI. push (10)

SI push (20)

SI. push (20)

SI. push (20)

SI. push (40)

SI push (sol

S1. p-sh(601

