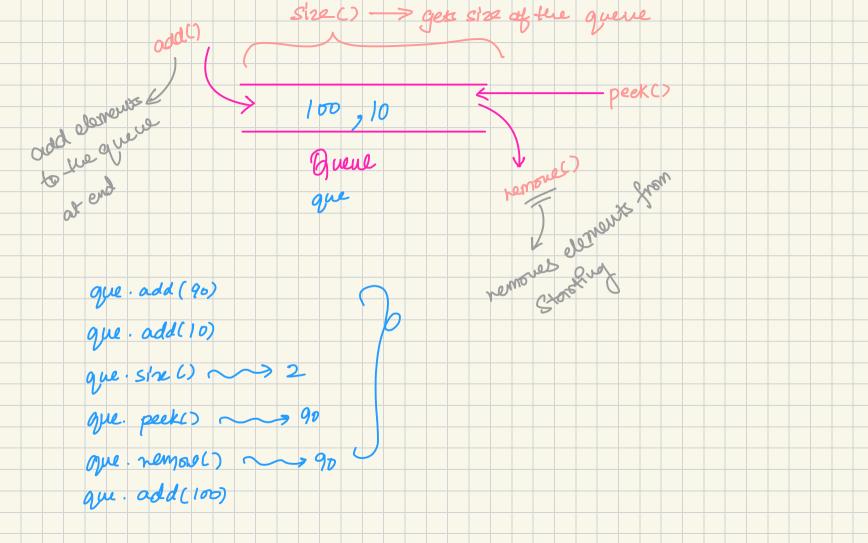


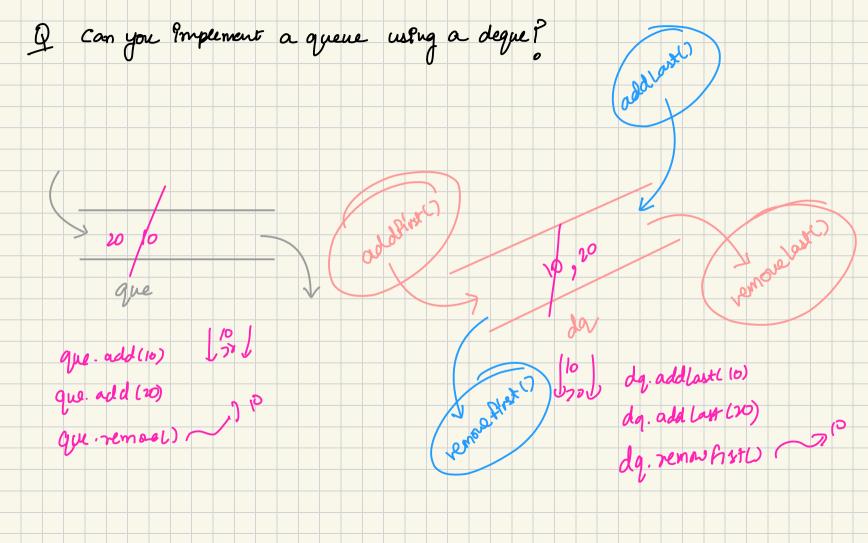
Queues. Agenda 1. Intro. about avenes 2. Queues and Stack Easy Problems 3. 2 Stack Why an Array 1. Implementy J que way Stack Quenes Stacks Unear DS 13 linear DS 4 follows LIFO I, (fixt In, first our) Sizel TC ! O(1) Stack 10 10

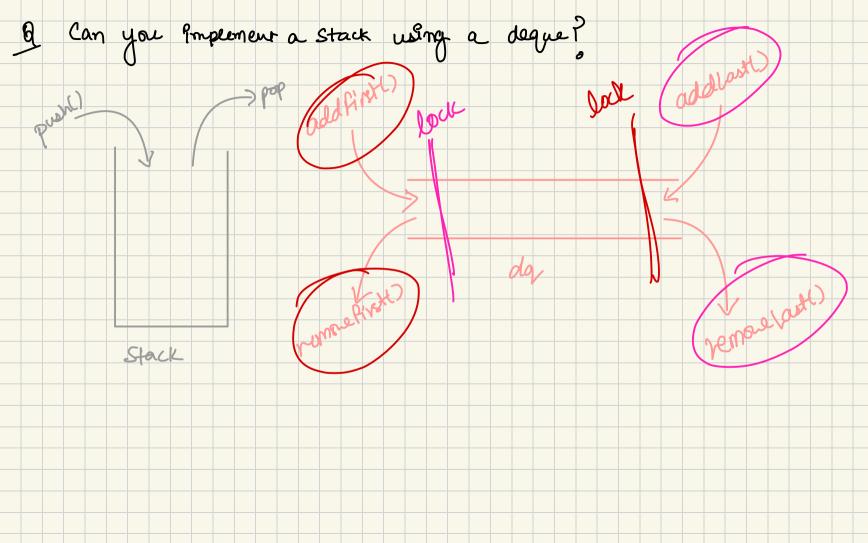


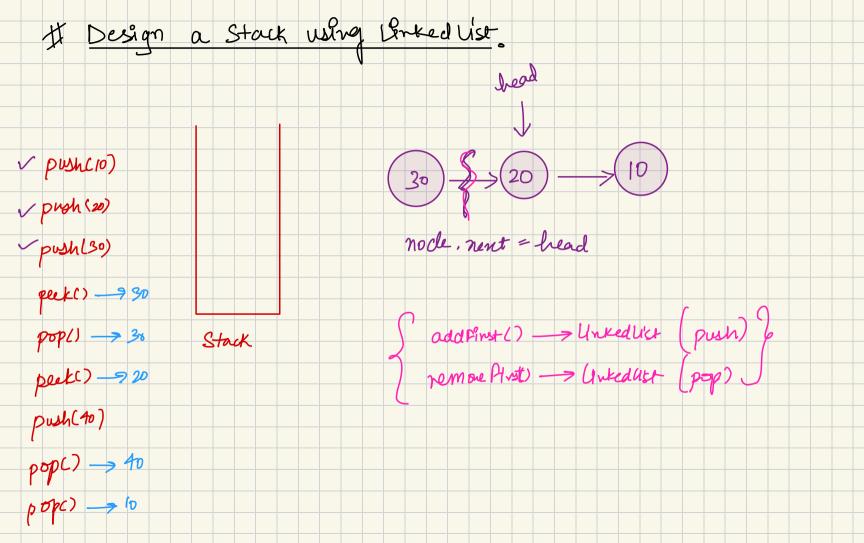
Enqueue ? Enter in queue? Delete from que ue p vernoue C, Dequeue. que add (20) qu. remad)_>10

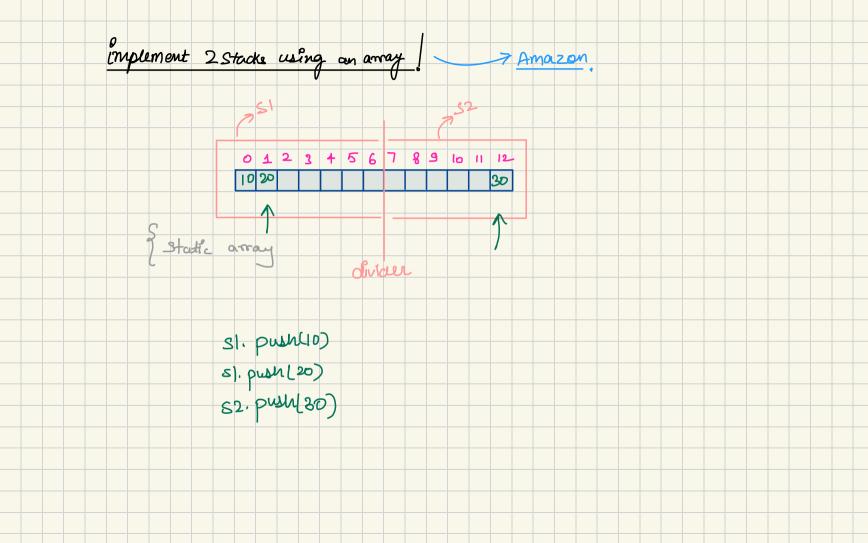
Queues	
S -> Linear data Stoucture	
-> follow forst In, forst out	
	Opposition(),
Memods	
(Dadde)	O Polico
(2) remark) / Tc: O(1)	(3) PeekO
(3) peck()	((3) S12(),)
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S Quart 6 G 2 Quarter 1 = 200 4 42	Account 2 1 %
2 Queue < G> que name = new	711. Suggest Co
- me 12	Linkadlice ()

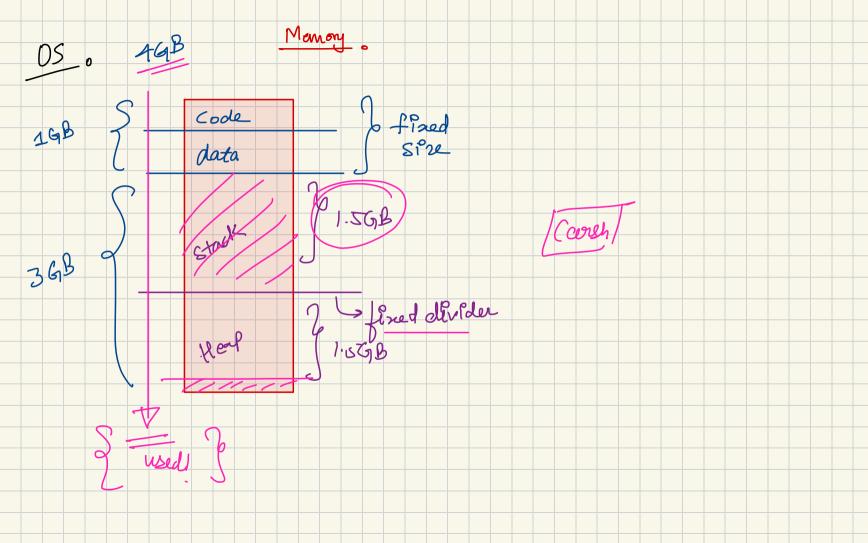
? doubly Ended Grene? Deque addraws linear DS remark mark)

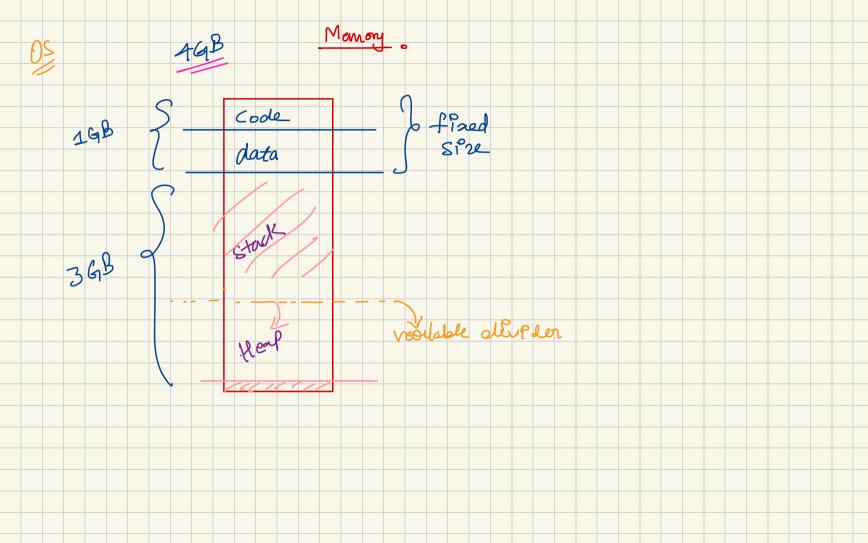












363 fined divider 1.5 C7B each equally divided Can only grow till 1.59B

36B vooriable divider can grow of needed grow hu 39B y sieg.

0 1 2 3 4 5 6 7 10 20 7 12 9 13 2 1 (2) men (2) (1) SI. push(10) (8) S1. push (10) 2 S). puh (20) 3 SZ. punci) (9) SI. pud (20) (4) SI. pulh(7) (3) SI. Push (12) \$ 76 Sr push(9)

Implement Queue using 2 stacks Deque ve oci) Enqueue oci)

