	A	do	pt	^e9	7 S
				neu	
)	I	mþ	leu	nen	H
		_			

Over vsing 2 Stacks Stack vsing 2 Queve

Implement Queue using 2 Stacks

Orgue efficient

enque o(1) deque o(1)

deque

peek o(n)

Vul = 1

prok eize O(1) istmpty O(1)



(2) Degre efficient

peen o(1)

deque O(1) enque O(1)

add(1) add(2) add(3) gremove

1 Add	push	٥	(1)		
2) Remove	pop nob	-1 and Chalper	ocn)		ر م م م
	3 pop push	halpesc , main	o(n)		
2 De	que Eff	icient	O(1)		
1/2	1314	-	1 2 3 4 5		
Diemove	-st.pop	0(1)	5 main] [helpoe
add (B)		0(n)			

(2) Implement Stack Using 2 Queues 1) Push Efficient Push push O(1) pop (2(n) POP peck peek 2) POP Eggicient Sing push O(n) isEmpty bop o(1) peek O(1) 1) Push Efficient main Welsty push(1) hepoer 1/2/3 push(2) push (3) 0(1) push -> quado

> main = helper nelper = new LC

Fox

