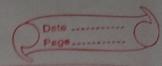
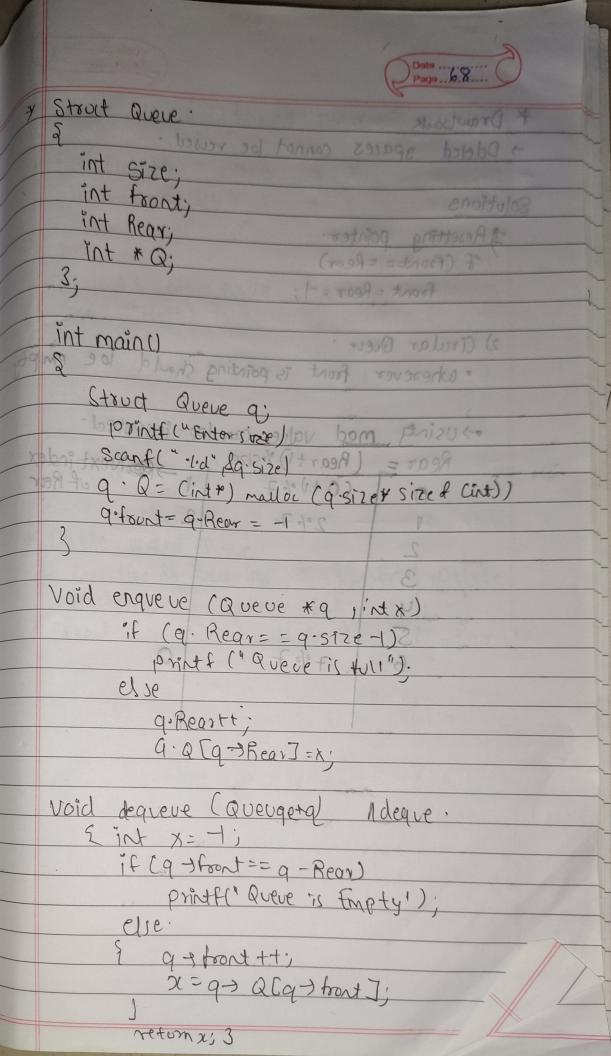


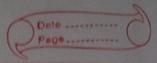
	Queue rothing a philo along
7	Nork on FIFO (First in First Out)
•	Insert from vare end and delete from front end
	THE CITY OF THE PARTY OF THE PA
	Queve ADT
	Data:
	1. Space for storing element.
	2) Front of for delptica
1	3) Rear + for Insertion
	713601071
	Operation.
	(1991,019
	dequeve () (reag == thot) m
	I(Fmotur)
	is Full Deriver point for the point of the e
gun!	a lette wing front pointer 1) triffelete el
	Cast (soft to doctor to usable to
,	Queve can be implemented using
	3 Array 1050 tri
	I Linked List that this
	int Book
0	Træs Quece using one pointer
9.1	> Insertion will take order of 1 time
	-> Deletion will take in time as the rest
	of the element needs to be shifted as
,	déletion of any element will make vacant space
	vacant space



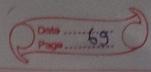
· Queue Using 2 pointer. > Initially Front=Rearz-las som most tount -10 12 15 | conquere - O(1)
2 3 4 5 6 notigent sol dequeve sous Empty. of (front == Rear) > Here insert using Rear pointers

> Del ete using front Pointer (i.e delete element
of address at which it stands) · Struct Queue & betranglani ad non events int size; to Linked Lid int Front; int Rear; Sit 1 de cabro galet 1190 mitrante Terr and an emit a sust line on the rest of the element needs to be shifted as exam the transla van be nothatah 6 910ge troops

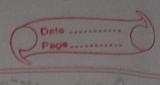




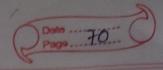
*	Drawback 90900 tosts 4
7	Deleted spaces cannot be reused.
	igsia toi
20	utions (thost this
	A Resetting pointer. rosh tri
	of (Front = = Rear) (D# +1)
	front = Rear = -1;
	2) Circular Quer. Union to
	· wherever front is pointing should be empty
	(truck Queue di
	-> using mod value can loe-inserted.
	Rear = (Reart) % size
	Rear = (Reart) % size Reconext index
	1 2°67 = most 2 = trootop
	2
	3
	(4 tri, p* 90 90 D) Su supro BioV
	5(- (Rears = 9-512) -1)Z
	6"11 17:43 F P 1) 2+ 0
	96/9
	- +7009/PO
	G. Q. T. Q. Brear J. = N.
	void segrene (overgotal adeque.
	it x toi 3
	(rp99-p==troot-p)7;
	(1/2+grit 2: 90900 19+ing
	. 9119
	itt knock to ?
	Ttradeplace i



	(P300
*	Queve using Lanked list of the planted &
20	For Empty.
10	FOIL (31311) 197710319
	Node * t = New Node
3	for one node
_	Pront tont
13	King of Flasting 1
X	Double ended Queie,
-	ls Insertion as well as Insert Pelete
	deletien from both from
	front le rear is possible Rear
	Trotal de la cara de la caración de
	4) Tright in Same asolar.
	Delete Max prosity by searching it.
th	e) helpt is frenedling order of Prins
	Ollete last clerest it array



*	Priority Quevellis badnés prizu avant
÷	Flenent A B (D E F 9m3 60) 6 Provid 1 1 2 (11213 + 100) 1
	PROJET
	Priority Queve
	Aloca Cools = 1 + aloca
	Q1 A18 D > Plant this will be pop out completely
	Q2 [E] Shon sno sol &
	1 TOTAL
	Q3 [F]
	trort
41	il an a trail is a la act itself is painter.
7	when privity is a element itself is Privity.
	element 3 8, 8, 3,5,113,21
	deletion from both fout
	lethods to solve such issues of que u
	1) Insert in Same order.
	Delete Max prosity by searching it.
	2) Insert in increasing order et Privrity. Delete last clerest it arrey
	Dell'at aft arrey



* Method I be priority queve 1900 Search + O(n) Shift your 0(2n) =0(n) * Method 2 Insert 70(n) ((12)+9 4)21) 41 Delete > U(1) g and 2 ming Implementation & quece using 2 stack To delete 5 ghift 3,6 from S, to 52 -) IA If So is empty townsfer element from Si to Sz and then delete Sz Logic element) so it will act as greve intead of Stack If element are there in Iz stock delete normally

