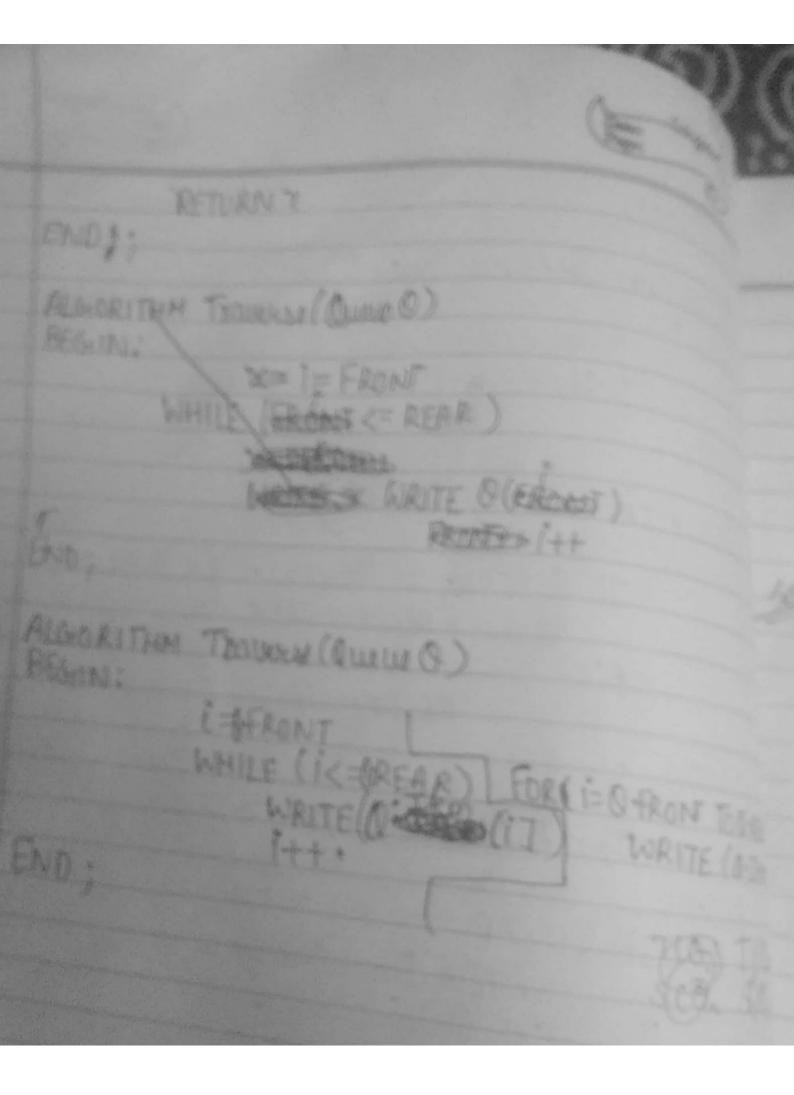
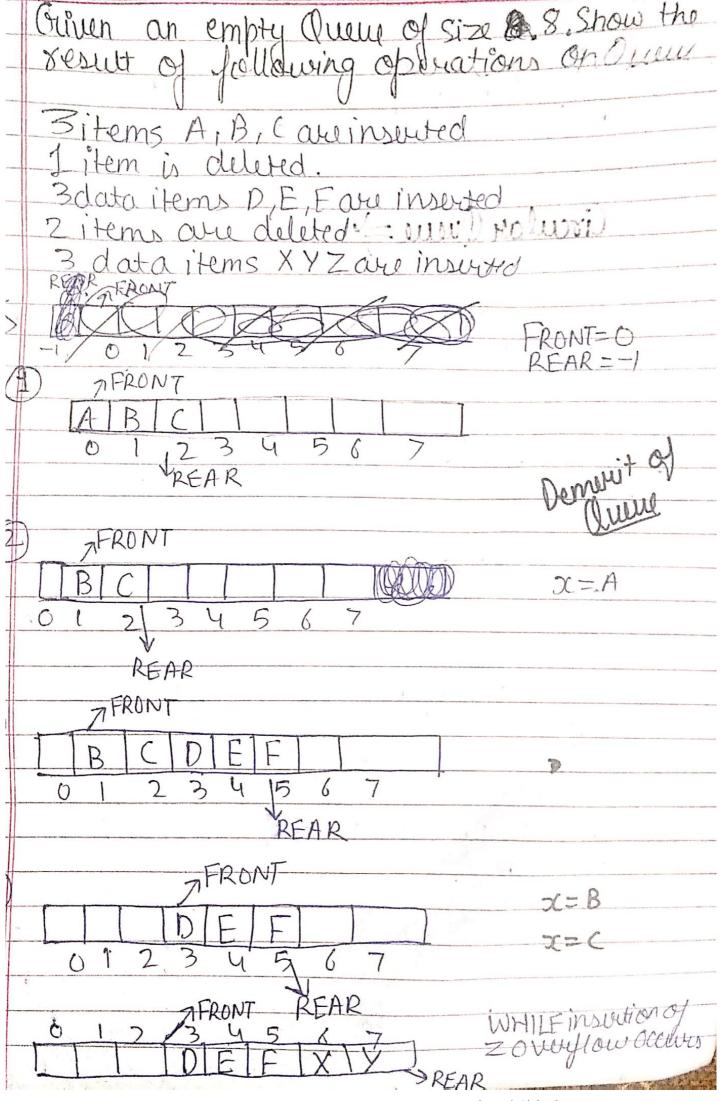
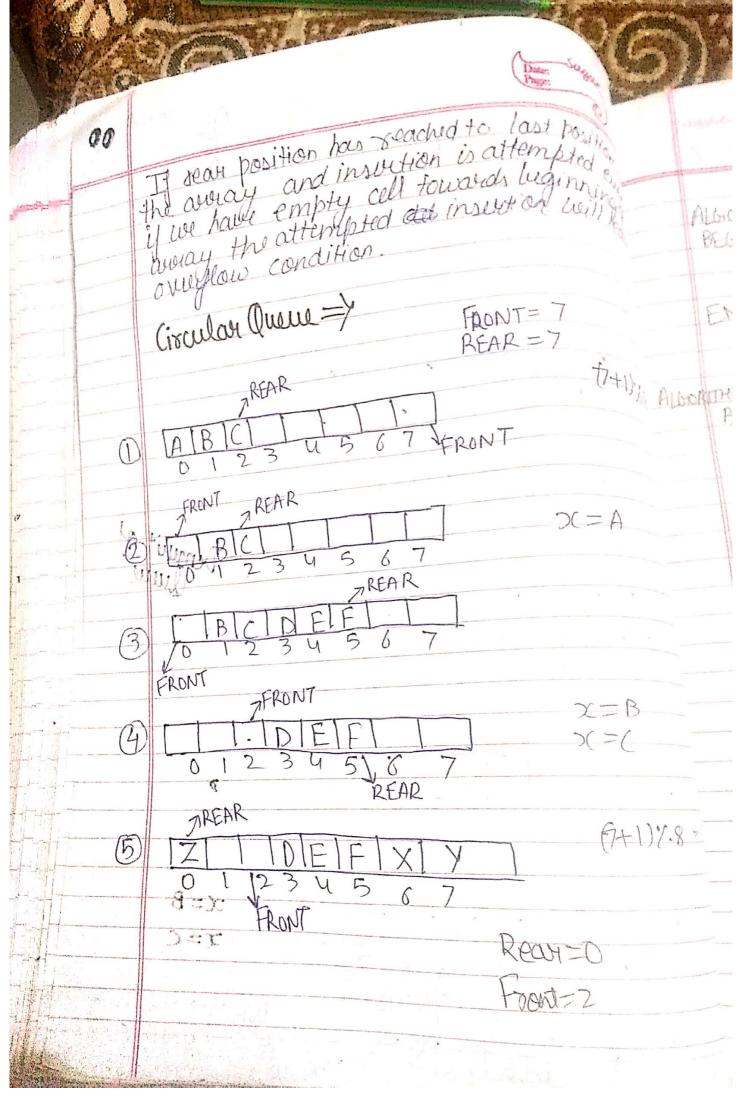
Applications of Queue => 1) Avaplane scheduling and Train Scheduling Booking of Tickets in Station. ) Gutting milk from shop 1) Eccution of program ) & Input augus Buffer incf f ) Event squeus in sava soripi ·) Music Playlist 1) Allatment of Admission Nus 1) Streaming & Downlooding ) TV Shows. Receiving Cansuwing call in call centre ·) Youtube videor · BESing graph ) Level order travered in a tree ·) Transitive closure of a graph Queue It is an ordered collection of itemin which items may be insurted at the reason of the anew and removed from anothered called front end of queue.

Q'FRMT-OFRANT+
EISE
IN PITE V'OUING Under Vaine )
S
ALGORITHM DEQUEUR (Queura)
INO:
O. REAR - O. REART
ELSE
) . mm Carlow S-c
THE O'REAR = SIZE-1 THEN
ALGHARITHM ENDULUM (DIMLING, 2)
END;
RETURN FAIRE ( QUI) MORNING
RETURN TRUE
IF Q. REAR-O. FRONTH == O THEN
BEGIN:
Alternative For Co.
O'REAR = 1
BEGIN.
PLONGRITHM Trition (Olivero (O)
(1) (TOLLO







ALGORITHM Initialize ((Queu (Q) BEGIN: ( O. REAR = SIZE - 1 5101 (Q.FRONT=SIZE-) END; THM Empty (Queue (O) BEGIN IF CQ. REAR = = (Q. FRONT THEN RETURN TRUE T (O,) RETURN FALSE 5 (0,) END; De Dueue Canua Co ALCIORITHM HAIN. IF EMPTY (CO) THEN WRITE Manue Undougloss") CO.FRONT = (O.FRONT+1) / Size X=(0. @B) Item (CO. Foon) 7 RETURNZ END;

	ALGORITHM ENOUEUE (COULL (Q) X)
	BEGTN:
	IF (CO. REAR +1) % STZE="CO FRONT
Her The Control of th	
	(O.REAR = (CO.REAR +1) X SIZE
	CO. Item [CO. REAR] = x
	END.
	ALCHORITHM Drawerse (Course CO)
0	BEGIN CO COLUMN
	BEGIN CO FRONT CO EFRONTH LANGUEREAR
	FOR ( = CO. FRONT TO CO. REAR ) DO
	WRITE ( OR REAR ) DO
	WRITE (COORDO TEM [i])
	ALGEORITHM THOUSEN (CD
Law have	BEGIN: (COLUM CO)
	1-60 50
Jan July	1=(0, FRONT + 1) X. STZE
	WHILEON
	SIZE = DO EAR
	WHILE IS ! SIZE = DREAR DO WRITE (O. ITEM (EJ)
	itt in the state of the state o
	WRITE (CO. Item (it))
11/4	
1 - R. R	
<b>₩</b>	
11) the part from the production of the second of the seco	

