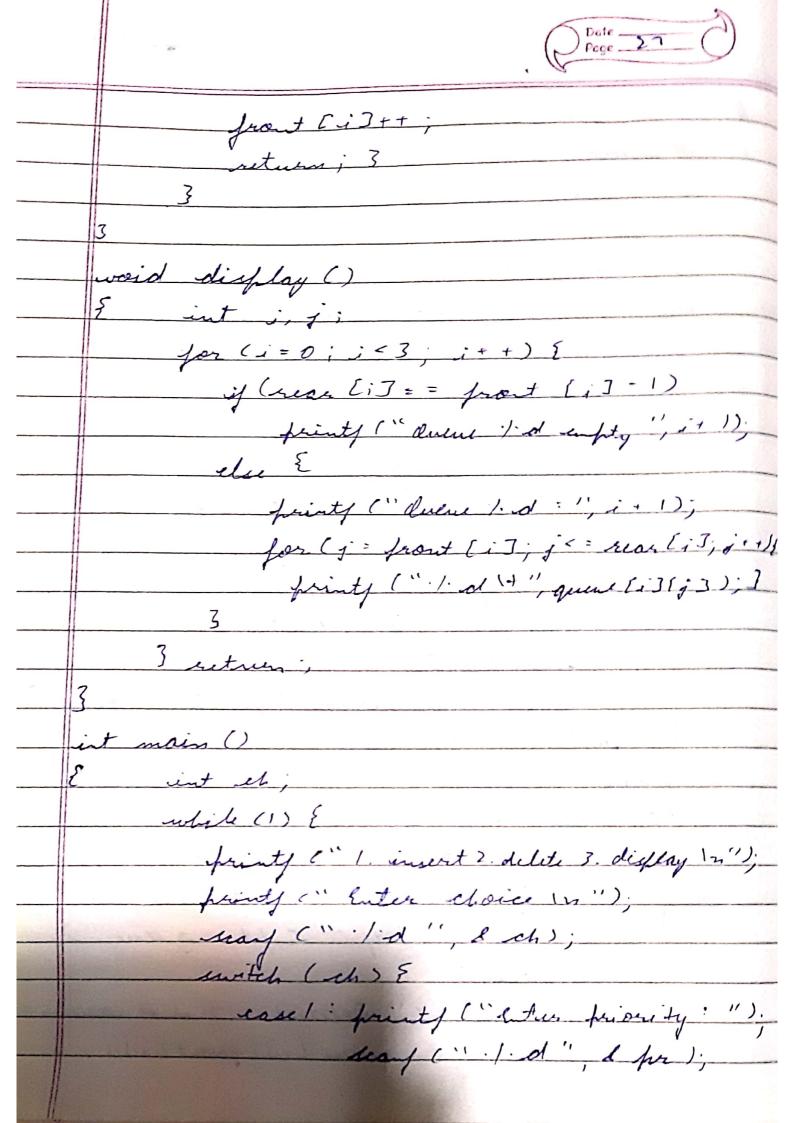
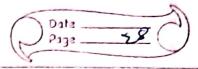
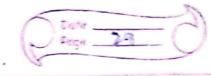
Pige 26 fab - 6 1- WAP for Thiority duene Sel # include < stdio . h > # include a stallib 47 # define N 3 int queue [J][N]; int front [3] = [0,0,03; int reas [3] = 5-1, -1, -13: int item, pri; word finsul (int for) { if crear [ pu ] = = N-1) frients (" lucue Overflow 12"); else E prints ("Ster item 's"); snong ("./.d", Liters); rear Cps J ++; queue Epr J Erean Chr 7 ] = iten; 3 suturn; } void figdelete () for (i=0; j<3; j++) { if (rear (i ] == front [i ] -1) prints (" Supty queue"); print (" Deleted = 1. of queue = 1.d" queme [i][front[i]], i-1);

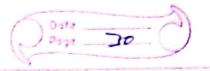




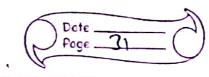
	if (prode products)
	figurest (for - 1);
	else
	fruity (" Future heaper friority No ");
	lereak;
	rase? fgdelete();
	break;
<u> </u>	case 3: display ();
	break;
	mase 4: enit (0);
	>
	5
	setuen 0;
	2
	0/45
1000	1: insert
120	2: delets
-3 -5-	3: disflay
	4: cni-
	Eter chaice: 1
	Exten pricerity:
t.	Enter item = 23
	1: insert
	2: delete



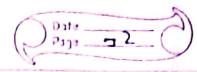
Ti display due 2 confty lucue 3 empty Q 7 WAR for Expet & Output lectricated Degreen # include " stdio L? # include Establish 67 # define sigt 5 int dequese on [ sign 3; int front = 1, rear = -1; word insert rear () E int should item; if 1 ( Sport == 0 ll resr == sige-1) 11 Cfrace == rear + 1)) { frients ("aucus Overflow 12/2"); return; 3 if ( front = = -1) { front = 0; regr = 0; 3 else if [ uan = = sig - 1) { sean=0; } else { rear = rear 1; } fruits (" Enter element : "); Scarf (". I.d", I added - item?



deque au [ recon ] = added item; void insert front () int added item: if ( front = = 0 & rear = = Sig - 1) " ( front == rear + 1)) { frints (" Quene Overf'en ( "); return; 3 if ( front = = -1) { front = 0, rearil, } else if ( front == 0) { front = lige - 1; 3 else & front - front - 1;3; frity ("Enter dement: ") scanf (" . [ d", & added - item); Dequelle arr [ front ] = added-iten; 3 void delete frant E if (pont == -1) { frints (" duene Underflow In"); return; 3 frinty (" Element deleted from quere "); sprints (" . ). d", dequeue ans E pont 3); if (front = = war) { front = 1; were = 1; 3 else Eif (front == size - 1) E front = 0; 3 else { front = front +1; } 33 void delete\_rear () if (front = = -1) {



prints (" Queue Under f'on") return; 3 frints (" Element deleted: / d" deque son [rear]; if ( front = = rear ) { fint = -1; var = -1; } else E if (resr == 0) E rear = sige : 1;3 der & rear = rear - 1; 333 void display queue () int front for = front; if ( front = = -1) { prints (" confity Queue "); return; 3 printy " duce devents ""); if ( front fox (= secur fox) & while ( front - por = rear por ) { frints ("/d", deque an (pot pas); front post+; 33 Me & while ( front has c - hige - 1) ? frinty ("/d", deque-air (pat- as); front for ++ frant for = 0; while ( part pos = rear pas ) { frist (" / d", deques and front poil; front - pas ++; 33 } void imput queue (> 8



int choice i do E frients (" 1. Insert war? delete front ? delte rear 4 display & quit "); - frints (" Enter choice "); scanf (" . / d", d shaice ; Switch ( choice) { case ( insert rear (); bresh; case? defete front (); lereale; case3: delete- rear(); lareah; rase 4: disflay quese (); loreak; alfault: enit (0); } 3 while (thoic != 5); } word output que () E int doice; prints 1" 1. Ensesteer ? . Ensest front 3. delete front 4. display 5. wit "). prints (" Enter choice"); scanf ( '.) d', I choice). switch (choice) & (ase ! insertrear ();

