* LPB 5 LINEAR GUEVE FMPLIMEMTATON #indude (Staio.h) Hindude (614 lib.h) Holefine 612R5 int item, 9 (20); int /=0; &=-1;

Prot wount =0' void Fruet-front ()? i/ (== SIZE -1) { Pflu Stock is Full");

else ? P(le Enter Element ");

O sconf (" 1,0 ", & item); MAN WOMEN & = (2+1) % 612E; quis = item; count 11: void delite real () { if (wunt ==0) }. ej (" queve empry"); ident = q (front); front = (front 1) % BIZE; P/C" The Items Delited is - y.d, items); void display (3) 1 (court = = 0)} P/(" QUEUE empty); elu \$ 3 PJl" the Ftens au: J"):
for (i=0; ; < wound; i+n); 1.d \t", q (1.7);

int main ()? for (33)'s paint/[" Rose the worup ording choice 1. Insul-Front on 2. Deleter Red >> 3. Display ~ "); Switch (chioi'u)? case 1: insut-front (); · delile hear (); bluk; case 3; display () dejount: resid (0);

classmate or but & J @ Ente m operations 2. Fred 2. Outer 3. Display > 1 - Ents item. 25 O Entre me Operations 1. Insut 2. Delite 3. Display - Entu item O Enty the Operations: 1. Frout 2. Ollete. → Elements are 25 55 1 Entu me opuchions 1. Inset 2. Delite 3. Display 7 2. The Blement diluted 1's 25.1

LAB-5: CIRCULOR PUEVE: # include <stalib.h) Hinclude <Station # dyin 6728 5 int item, front=0; ruer=-1, q[\$17E], eount = 0; void insutrear ()? Cuount == 6128) { oveflow"); prints (" Entil the element "). Osf (~ 4. d, fitum); real = (real +1) % 572E; q [ved] = item; count ++; void deletjont ()? i/ (wunt ==0) } p(" fum is Emply"); ell? item = q ffwrt]; Pla inditen deleted is = 1. dram (iten).

front = (front-11) 1/.6778; void display ()?

int i, [:

[[Count = =0) {

[If your is Empty m];

] f=front;

print/("77ens of frem 10"); los (i=0; i count; i+1)?

Pf(" 1.0 \t), 9 [[1]; = (1+1) % SIZE; int main ()? int choice p/(" \Entu opuctions\n 1. Front \n 2. della \range a. displayinh Esuit "); ecant ("1.d, fehoiu);

1	Date
	Page
a c	
-	switch (choi'u) {
	cost 1: insutacas()
	peck;
	cast 2: delle front!) buck,
	buck,
	cost 3: display: ()
	bucks.
	\$
	dyault: escit(0);
	\$ V
	3
	Output:
	Entre opuctions
, <u>.</u>	1. insect
	2. Odde
and the second s	2.0 isplay
	1 ' d
<i>→</i>	Entuitem to be insuted
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	1.insut
	2. Delete
_	3. Display
->	1.
	Ente item :
	20
- O	
	1. insut -3.
The state of the s	2. Delete -> Blements au:
	3. Oisplay 45 20