Circular queue. # include < stdio.h > #include < stdlib.h> # include < process h> # define que size 3 int item, front = 0, rear = -1, q ? que sigo] Count = 0; Void insert rear () if (count = = que signe) friet (66 Onene overflows).

zeturn; rear = (rear + 1) % que size; q [record= item; count;t; int deletefront () of (count ==0) return -1; item = q < front]; front = C front +1) % que _ Count = Count -1; return item; void displaya() int i, f; if (count ==0)

frients (" Bruene is empty").

3 for (i = 0; i c = count; i ++) frint (" d [n", q [f]);

2 f = (fti) % que size; ind choice; print (66/1) Insert rear 102. Delatafra frints (content to chaire).

Sound (content de chaire).

Sound (choire) carol: pint ("Enter the item to

be inserted: ").

Scanf ("G" of item);

insert rear (). care 2: iten=deletepront(); friht ("6 Quen is smpty In3) frint (6 Them deleted is di)

care 3: disflayq();
break;
de fault : exit(0); bosent ;

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[]	2 Proposition of the	
<u></u>	# include < stdio. h>	
	# include < stalibin)	
	# define du size 3.	
	int item front=0, row=-1, q Co	j ;
	void insert rear ()	
	3 if Crear - Que SIZE -D	1
	{	
	print (60 Orone Overflow 102)	
	printf(60 Queue Querflow \n20)	
	25	
	roar - roartl;	
	g Ereard = iten;	
	3 int deleteport ()	
	3 if (front o > rear)	
	2 front = 0;	
	rear1	
	return -1;	
	3 return qt front ++1);	
	3 vaid display Q()	
	? int i;	
	if C front record	
	Y	1
	frint (66 Dueus is empty /n1)	<u> </u>
	21	
	printe contents of queue(1)	·
	for (i = front;) < recor; i++)	
	frint ("/d ? ") of []);	
	2	
	3	

	Page SPLASH
int main ()	OT LASH
S	
int obside	
int choice;	01-11
for (jj)	
3 10 1 Cf 12 1	
frint [] Insert re	ar/n 2) Delete from
In 3) aist	lay m 4) Exitl n3).
frint ("Enter ya	w chaia: ");
Scant (60 gdo) 200	hou a)
frint (66) Insert re In 3) Dist frint (68 Enter eyo Scant (68 Mder) & C Switch (choico)	1.00
1	
Case 1: print Cook	Enter the item
+0	be inserteding)
Scanf Cee vid 22,	& item);
insert rear ();	1170
break;	
il Caten == D	0
care?: item = del if C item = - D print C 66 Queue	is amptyli's.
print (°6 Item	dolated = %d \od?
print (il make
	u,
case 3: display	(() () .
b b:	
default : locit (\sim \sim \sim
alefault, sour	
0	
25	
U	