	Lab Program 4
0	Write a Program to stimulate the working of a circular queue I integer using an array Provide the following operations Insert
1	interess wins an array
	Culture disting
-	Boned on Julian goods
a	Inest
-01	bare
9	The figram should point appropriate message for grene empty and queue overflow conditions
	The pagram should peun appropriate many
	queue empty and queue oneyrow conditions
	# include < stdioh)
	# include \stalib.h)
	int item, front =0, rear = -1, q 4-512E, count = 0;
	int item, front=0, rear=-1, q [g-size], count=0; word insertrear()
	E
	if (count = = Q_sizE)
	print ("QUEUE OVERFLOW \n");
	seturn;
100	Film (M 18 misestreas M2 8 shell to 18 50
	Sear = (rear +1) 11. Q_SIZE;
	g [rear] = item;
	Count ++
	Mills (man) Mills
	ist deletefront()
	The state of the s
	if (count = =0) setum -1;
	itch = g [front];
	front = (front + 1) 1. Q_SIZE;
	Count = Count -1;
	return itom;
	*

noid display () int i (count = =0) print (" Queue is empty \n"); seturni print ("Contents of queue \n"); for (iz1; i < = count; i++) print ("1.d \n", g [front]); front = (front+1)./. & SIZE; noid main () int choice; on !! Coput overteas! print | "In 1: insert sear In2: deletysont In3: diff 4: enit \n"); Print ("Enter the Choice \n");
Scanf ("1. d", & choice);
suitch (choice) Case 1: pind ("Enter the item to be invited in"); counf ("1.d", & item); Case 2: item = deletefront ();