100	Encas queue promoto pos
	= include < stdiah>
	the include a stall b. b.
=	# include < string.h>
	int Hem, pront=0, rear=-1, q [qou-size], word inscrt rear()
	void inschream()
	1
	if (count = = que - 6TZE)
	1
	prints ("queue overflow");
	return;
	· · · · · · · · · · · · · · · · · · ·
	rear = (reart) & gett SEZF;
	g[rear]-item; Count C++;
	Count C++;
	i signal sit est i
	int deletifiant () in towards it is
	1 97 24
	if (pront > rear)
	4
	front-o;
	mean = -1;
	return -1;
	o
	6 return of [front ++];
	6
	void displaya ()
	d d
	int ii
	if (front >rear)
	Scanned with CamScanner

1	Fredmayeti Date
Lance of the land	1.
	prints ("quice is empty/n");
	metern ;
	ment. (Contrale
	the (= continue of queue o');
	print (icontints of queue p"); -for (i= front; i <= rear; i++)
	prente ("2d/n", gs:]);
Y	
	int main()
	1 tustos
	entichace silve innegation in the
	for (ii)
	1
	printp (11: injufrear 2: deletern not 3: display
	4: exit(n");
	Do Lotte (" enter the charge 1.))
	scarpe (" >d", schoice); Switch (choice)
	Scarre (cho*co)
	1 Sprice (Course)
	case 1: prints ("enter the etern to be inserted[n"); . Scans ("zd", j etern);
	· Scanf ("zd", g Hem)
	inantran () i
	break;
	Case o: item = deleterront ();
	if(item = = -1)
	0

printy ("queue is emptyln"); printf (dem deleted = %dp item); cares: displaye) break: dyault : exit (0); outputi 1: insort or deleterant 2: display 4: ent ontes the choice erter the item to be inserted enter the choice contents of queue

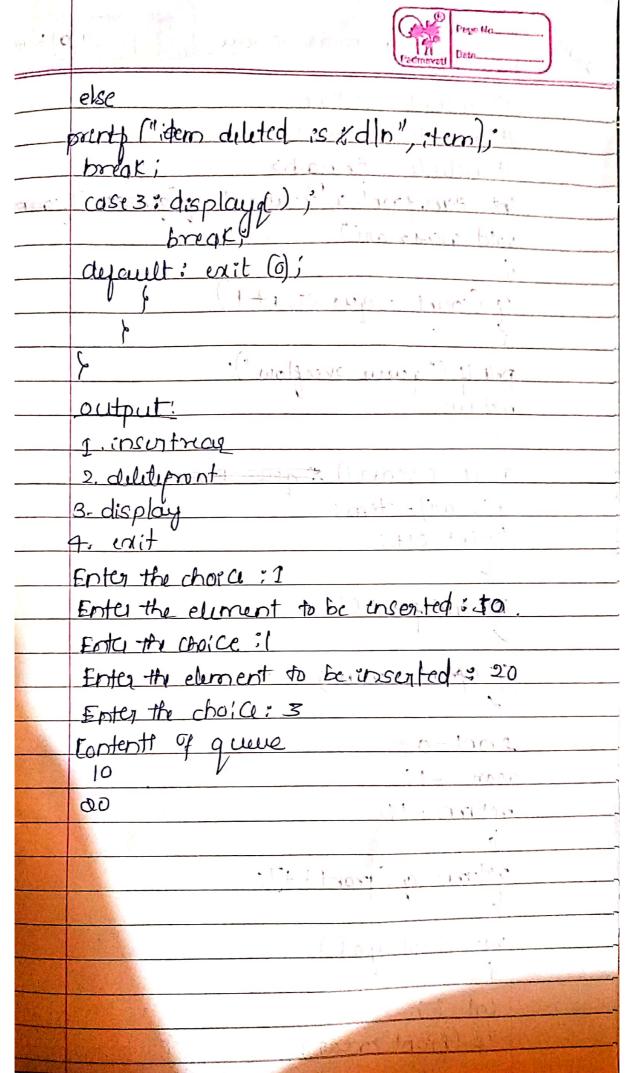
```
1:insertrear 2:deletefront 3:display 4:exit
  enter the choice
  enter the item to be inserted
  10
  1:insertrear 2:deletefront 3:display 4:exit
  enter the choice
  enter the item to be inserted
  20
1:insertrear 2:deletefront 3:display 4:exit
  enter the choice
  3
  contents of queue
  10
  20
  1:insertrear 2:deletefront 3:display 4:exit
   enter the choice
  item deleted=10
   1:insertrear 2:deletefront 3:display 4:exit
   enter the choice
s 10
```

Pale	Cercidas Queus Promoved Des 19 10 3000
	=#=include < Stdio.h>
	ett include < stálib. h>
	int item, front = 0 rear = -1:0 [a was]
	int item, front = 0, rear=-1, q[questze], countso;
	if (count = = que_size)
	point (" queue over flow");
-	return;
-	b .
	rear = (rear+1)%, que_512F;
	g[rear] = item;
	Court Ctt;
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	int ablitufrant()
	of Lord allier is of prome too it is all is a son
*	if (count == 0) retuen -1;
	Hem = n Ctront) in the color " prosi
	item = q. [front]; front = (front +) = que : SIZF;
	count = count -1;
E V	return it cm;
11.	come the test and the effect of the come
	void displace. (1)
	1 Character of
	int i, fi
	if (count = = 0)
	1



Padmavati Data
printe ("quoue is empty");
octuen;
>
prints ("contents of queue \n".); for (i=1); i<= count; i++)
prints (contents of queux)
for (i=0; i<= count; i++)
1
point ('/d n', q [f]); = (-f+1) / que-spzf;
-f= (-f+1) / que-SPZ = ;
 Void main()
(117) . 1815
int choice;
for (;;)
1 Marsheldo dei
points (" n1. Insert near n2. Delite proit n
3. Display n4. exit (n");
 social (" enter the chorce);
Scary (1/2d/n/) & choice)
 switch (choice)
1 miles and see the
case 1: print & ("Enter the item to be insighted)
scary (" yd", giters);
insentrear();
break;
case 2: item = delete front ()i
$i^{\circ} l^{\circ}$ (item = $\frac{1}{2} - 1$)
prent & (("queue :s empty/s');
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```
MADE FOR
helete front
a Digniar
O.O.L.
 Fater the choice : 1
 inter the item to be inserted :10
 1. Insert rear
 2.Delete front
3.Display
 4.enit
 Enter the choice : 2
 item deleted is 10
 1. Insort rear
 2.Delete front
  3.Display
  4.orie
  Enter the choice : 1
  Enter the item to be inserted :20
1.Insert rear
  2.Delete front
  3. Display
```

```
A PROOF FOR
  a folgo fina:
   liner the choice: 1
   Inter the item to be inserted :29
  1.Insert rear
   2.Delete front
   3.Display
   4.exit
    Enter the choice : 3
   contents of queue
   20
29
10
    1.Insert rear
    2.Delete front
Upo
    3.Display
    4.exit
     Enter the choice :
```