	0-1-0-1-03
	Assingenment , 03
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Section	The All the appeal of the A.B.
Subject	, DSA Lab
Submit	ed to : Mam Yasmeen
11	the tour & (1- = = touris) } -
	10 c land
	Linear Queue
Program	Vi-
int 9	mene (6), n=6
int f	ront =-1, Rear =-1 A=-1 0 1 2 3 4 5
1:11	
void	insect ()}
Jacke J.	nt value; 1/ Declare variable
i	f (Reas = n-1) { (Condition not satisfy
c	out <4 "Queue overflow";
}	
els	
if	(front = = -1) // Contion satisfy
	front = 0;
<u>e</u>	lse
	cin>> value; // Take input
10	81++;

 Queue freez = value; F=0	
11 Q 1 2 3 4 5	
if (seas == n-1) // Go back to if with	_
S court 22 "Queue overflow";	
else	
if (front = = -1) // Not salisfy	
Front = 0;	
else and a said	
cins value;	
Reak ++;	
queue (Reas) = value	
01234	
if (Rear = n-1) 11 Go back to if condition	
Se tox codiline is	
cout << "Queue overflow";	
3	
else	
if (front = =-1) // Not satisfy	
front =0;	
else	
cin >> Value	

Day:	Date:	
	Queue (1001) = volue [13. 19 13]]	
	© Repeat these steps until queue gets full F=0	
	11 12 13 14 15 16 0 1 2 3 4 5 R=5	
	If (Rear = n-1) // Go back to if condition { cout w" Queue overflow"; // Condition satisfy	
	void display () §	
	if (Front ==-1) // Not satisfy	
	cout << "Queue is empty"; else	
	cout << "Queue elements are"; for (int i = front; i = Rear; i+)	
	cout << queue (i);	
	F=6 3	

Day:	Date:
1	for (int i = front; iz = rear; itt)
	{ cout < queve (i);
	cout u endl;
	} F=0
	13 14 R=5
	0 1 2 3 4 5
	[8][8][9][9][8]
	for (int i = front; i = Rear; it) }
	for (int i = front) (= 1300)
0.00	cout ex endi
4	
	$\int_{\Omega} y ds = 5$
	0 1 2 3 4 5
	for (int i= front; iz= Reas) i++)
	9
	cont 4 evuene (i);
	cout ex endl;
	F=0 0,0°
	13/14/15/16/ R=5
	0 1 2 3 4 5
	for (in) $i = front$; $i = Reex ; i++)$
	cont ce queue (i);
	cout in end;
	2

Day	Date:	
	13 14 15 16 17 18	
	Oudput: 13,14,15,16,17,18	
	void deleto () { if (front = = -1 11 front > Peas)	
	cont 22 "Queue under flow";	
	cout Cout <	
	0 1 2 3 4 5	
	front ++;	
	F:1 X 14 15 16 17 18 R = 5	
	if (front = = -1 11 front > Reas) { cont ze"Queup underflow";	
	3	

