

LAB 5 OUTPUT

```
12 int cqueue_arr[MAX];
13 int front = -1;
14 int rear = -1;
15
16
17 void insert(int item)
18 {
19     if((front == 0 && rear == MAX-1) || (front == rear+1))
20     {
21         printf("Queue Overflow \n");
22         return;
```

input

```
1.Insert
2.Delete
3.Display
4.Quit
Enter your choice : 1
Input the element for insertion in queue : 1
1.Insert
2.Delete
3.Display
4.Quit
Enter your choice : 1
Input the element for insertion in queue : 2
1.Insert
2.Delete
3.Display
4.Quit
Enter your choice : 3
Queue elements :
1 2
```

```
12 int cqueue_arr[MAX];
13 int front = -1;
14 int rear = -1;
15
16
17 void insert(int item)
18 {
19     if((front == 0 && rear == MAX-1) || (front == rear+1))
20     {
21         printf("Queue Overflow \n");
22         return;
```

input

Queue elements :

1 2

1.Insert

2.Delete

3.Display

4.Quit

Enter your choice : 2

Element deleted from queue is : 1

1.Insert

2.Delete

3.Display

4.Quit

Enter your choice : 2

Element deleted from queue is : 2

1.Insert

2.Delete

3.Display

4.Quit

Enter your choice :

main.c

```
39
40
41 void del()
```

input

Enter your choice : 2

Queue Underflow

1.Insert

2.Delete

3.Display

4.Quit