LAB 5 OUTPUT

```c
int cqueue_arr[MAX];
int front = -1;
int rear = -1;


void insert(int item)
{
    if((front == 0 && rear == MAX-1) || (front == rear+1))
    {
        printf("Queue Overflow \n");
        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 :
```