MOHAMMED ABDUL HAMID
1BM19CS202
3-D

LAB WEEK 5 (circular queue)

URBAN EDGE

```
int A[stack size]
front = -1
rear = -1

Enqueue(x) {
    if (isfull())
        printf("Queue is Full")
    else if {
        front ← rear=0
    }
    else {
        rear ← (rear+1)%N
    }
    A[rear] ← x
}

Dequeue(x){
    if (isEmpty())
        printf("Queue is empty")
    else if (front == rear)
    {
        Front ← rear ← -1
    }
    else {
        Front ← (front+1)%N
    }
}

Display(){
    if (isEmpty) {
    }
    for(i = front ; i != rear ;(i+1)%.size){
        printf("%d", A[rear])
    }
```