

LINEAR QUEUE

DEV KANSAL

13M19C5046

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```
void insert (int n, int q[], int ele)
```

```
{  
    if (rear == n-1)  
    {  
        printf ("Queue overflow\n");  
    }  
    else  
    {  
        rear ++;  
        q[rear] = ele;  
    }  
}
```

```
int delete (int a[])
```

```
{  
    int ele;  
    if (front == -1)  
    {  
        printf ("Queue underflow\n");  
    }  
    else  
    {  
        ele = q[front];  
        front ++;  
    }  
}
```

```

if (front > rear)
{
    front = -1;
    rear = -1;
}
return 0;

```

```

void display (int q[])
{
    if (front == -1)
    {
        printf ("Queue is empty\n");
    }
    else
    {
        for (int c = front; c <= rear; c++)
        {
            printf ("%d ", q[c]);
        }
    }
}

```