

```
1.insert_rear  
2.delete_rear  
3.delete_front  
4.display  
5.exit  
enter choice
```

```
1  
enter the item  
10
```

```
1.insert_rear  
2.delete_rear  
3.delete_front  
4.display  
5.exit  
enter choice
```

```
1  
enter the item  
20
```

```
1.insert_rear  
2.delete_rear  
3.delete_front  
4.display  
5.exit  
enter choice
```

```
1  
enter the item  
30
```

```
1.insert_rear  
2.delete_rear  
3.delete_front  
4.display  
5.exit  
enter choice
```

```
1  
enter the item  
40
```

```
queue overflow  
1.insert_rear  
2.delete_rear  
3.delete_front  
4.display  
5.exit  
enter choice
```

```
2  
item deleted is 30
```

```
1.insert_rear  
2.delete_rear  
3.delete_front  
4.display  
5.exit
```

enter the item

40

queue overflow

1.insert\_rear

2.delete\_rear

3.delete\_front

4.display

5.exit

enter choice

2

item deleted is 30

1.insert\_rear

2.delete\_rear

3.delete\_front

4.display

5.exit

enter choice

3

item deleted is 10

1.insert\_rear

2.delete\_rear

3.delete\_front

4.display

5.exit

enter choice

4

Contents of queue:

20

1.insert\_rear

2.delete\_rear

3.delete\_front

4.display

5.exit

enter choice