

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
1
enter the item at front-end
2
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
1
enter the item at front-end
3
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
2
enter the item at rear-end
7
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
4
3
2
7
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
3
Enter item to be inserted
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
2
enter the item at rear-end
7
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
4
3
2
7
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
3
Enter item to be inserted
23
Enter position
2
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
4
3
23
2
7
```

```
1:Insert_front
2:Insert_rear
3:Insert_pos
4:display_list
5:Exit
enter the choice
```