```
1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
1
enter the item at front-end
3

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
1
enter the item at front-end
4

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
1
enter the item at front-end
5

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
1
enter the item at front-end
6

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
2
```

```
1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
2
item deleted at front-end is=6

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
3
item deleted at rear-end is 3
1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
5
5
4

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
1
enter the item at front-end
9

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
1
enter the item at front-end
21

1:Insert_front
```

```
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
5
5
4

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
1
enter the item at front-end
9

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
1
enter the item at front-end
21

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
4
Enter the position of the item to be deleted
3
item deleted at given position is 5

1:Insert_front
2:Delete_front
3:Delete_rear
4:Delete_pos
5:Display
6:Exit
enter the choice
```