

```
mahantesh@mahantesh-Inspiron-15-3567:~/Data
Structures/lab/lab8/string$ make list
make: 'list' is up to date.
mahantesh@mahantesh-Inspiron-15-3567:~/Data
Structures/lab/lab8/string$ ./list
```

```
1.Insert_front
2.Delete_rear
3.Sort
4.Total items in the list
5.Search
6.Display
7.Exit
Enter your choice
1
enter the item at front-end
Abhi
```

```
1.Insert_front
2.Delete_rear
3.Sort
4.Total items in the list
5.Search
6.Display
7.Exit
Enter your choice
1
enter the item at front-end
chummy
```

```
1.Insert_front
2.Delete_rear
3.Sort
4.Total items in the list
5.Search
6.Display
7.Exit
Enter your choice
Kiran
enter the item at front-end
```

```
1.Insert_front
2.Delete_rear
3.Sort
```

- 4.Total items in the list
- 5.Search
- 6.Display
- 7.Exit

Enter your choice

6

List :

Kiran

chummy

Abhi

- 1:Insert_front
- 2.Delete_rear
- 3.Sort
- 4.Total items in the list
- 5.Search
- 6.Display
- 7.Exit

Enter your choice

3

Items In Sorted Order are

Abhi

chummy

Kiran

- 1:Insert_front
- 2.Delete_rear
- 3.Sort
- 4.Total items in the list
- 5.Search
- 6.Display
- 7.Exit

Enter your choice

2

item deleted at rear-end is Kiran

- 1:Insert_front
- 2.Delete_rear
- 3.Sort
- 4.Total items in the list
- 5.Search
- 6.Display
- 7.Exit

Enter your choice

4

Total items in the list is 2

1:Insert_front

2.Delete_rear

3.Sort

4.Total items in the list

5.Search

6.Display

7.Exit

Enter your choice

5

Enter the item that you want to search:

chummy

Element found and is in the position 2

List :

Abhi

chummy

1:Insert_front

2.Delete_rear

3.Sort

4.Total items in the list

5.Search

6.Display

7.Exit

Enter your choice

7