

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Display
6:Insert node left to position
7:Delete_duplicate
8:Simple_Search
9:Exit

Enter the choice

1

Enter the item at front end

10

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Display
6:Insert node left to position
7:Delete_duplicate
8:Simple_Search
9:Exit

Enter the choice

1

Enter the item at front end

11

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Display
6:Insert node left to position
7:Delete_duplicate
8:Simple_Search
9:Exit

Enter the choice

1

Enter the item at front end

12

1:Insert front
2:Insert rear

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Display
6:Insert node left to position
7:Delete_duplicate
8:Simple_Search
9:Exit

Enter the choice

1

Enter the item at front end

13

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Display
6:Insert node left to position
7:Delete_duplicate
8:Simple_Search
9:Exit

Enter the choice

5

Contents of dq

13

12

11

10

1:Insert front
2:Insert rear
3:Delete front
4:Delete rear
5:Display
6:Insert node left to position
7:Delete_duplicate
8:Simple_Search
9:Exit

Enter the choice

8

Enter the key value

Enter the key value

13

Search successful

1:Insert front

2:Insert rear

3>Delete front

4>Delete rear

5:Display

6:Insert node left to position

7>Delete_duplicate

8:Simple_Search

9:Exit

Enter the choice

1

Enter the item at front end

13

1:Insert front

2:Insert rear

3>Delete front

4>Delete rear

5:Display

6:Insert node left to position

7>Delete_duplicate

8:Simple_Search

9:Exit

Enter the choice

5

Contents of dq

13

13

12

11

10

1:Insert front

2:Insert rear

3>Delete front

4>Delete rear

5:Display

6:Insert node left to position

7>Delete_duplicate

8:Simple_Search

Enter the choice

7

Enter the key value

13

Key found at 2 positions and are deleted

1:Insert front

2:Insert rear

3:Delete front

4:Delete rear

5:Display

6:Insert node left to position

7:Delete_duplicate

8:Simple_Search

9:Exit

Enter the choice

5

Contents of dq

12

11

10

1:Insert front

2:Insert rear

3:Delete front

4:Delete rear

5:Display

6:Insert node left to position

7:Delete_duplicate

8:Simple_Search

9:Exit

Enter the choice

6

Enter the key item

11

Enter towards left of 11=14

1:Insert front

2:Insert rear

3:Delete front

4:Delete rear

5:Display

6:Insert node left to position

7:Delete_duplicate

6:Insert node left to position
7:Delete_duplicate
8:Simple_Search
9:Exit

Enter the choice

5

Contents of dq

12

14

11

10

1:Insert front

2:Insert rear

3:Delete front

4:Delete rear

5:Display

6:Insert node left to position

7:Delete_duplicate

8:Simple_Search

9:Exit

Enter the choice

3

The node deleted is 12

1:Insert front

2:Insert rear

3:Delete front

4:Delete rear

5:Display

6:Insert node left to position

7:Delete_duplicate

8:Simple_Search

9:Exit

Enter the choice

4

The node deleted is 10

1:Insert front

2:Insert rear

3:Delete front

4:Delete rear

5:Display

6:Insert node left to position

7:Delete_duplicate

8:Simple_Search