

1:insert front
2:insert rear
3:delete front
4:delete rear
5:insert left of key element
6:insert right of key element
7:search
8:delete repeating occurrences
9:display
10: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:insert left of key element
6:insert right of key element
7:search
8:delete repeating occurrences
9:display
10:exit

GDB

enter the choice

2

enter the item at rear end

20

1:insert front

2:insert rear

3:delete front

4:delete rear

5:insert left of key element

6:insert right of key element

7:search

8:delete repeating occurrences

9:display

10:exit

enter the choice

3

the node deleted is 10

1:insert front

2:insert rear

3:delete front

4:delete rear

5:insert left of key element

6:insert right of key element

7:search

8:delete repeating occurrences

9:display

10:exit

enter the choice


```
1:insert front
2:insert rear
3:delete front
4:delete rear
5:insert left of key element
6:insert right of key element
7:search
8:delete repeating occurances
9:display
10:exit
enter the choice
5
enter the key element
15
key not found
```


5
enter the key element

15
key not found

1:insert front

2:insert rear

3:delete front

4:delete rear

5:insert left of key element

6:insert right of key element

7:search

8:delete repeating occurrences

9:display

10:exit

enter the choice

9
contents of dq

13

12

1:insert front

2:insert rear

3:delete front

4:delete rear

3:delete front
4:delete rear
5:insert left of key element
6:insert right of key element
7:search
8:delete repeating occurrences
9:display
10:exit

enter the choice

8

enter element to be deleted

12

found at 1 positions and are deleted contents of dq

13

1:insert front
2:insert rear
3:delete front
4:delete rear
5:insert left of key element
6:insert right of key element
7:search
8:delete repeating occurrences
9:display
10:exit

B enter the choice

I

1:insert front
2:insert rear
3:delete front
4:delete rear
5:insert left of key element
6:insert right of key element
7:search
8:delete repeating occurrences
9:display
10:exit

enter the choice

6

enter the key element

13

enter towards right of 13=76

1:insert front
2:insert rear
3:delete front
4:delete rear
5:insert left of key element
6:insert right of key element
7:search
8:delete repeating occurrences
9:display
10:exit

OB enter the choice

2:insert rear
3:delete front
4:delete rear
5:insert left of key element
6:insert right of key element
7:search
8:delete repeating occurrences
9:display
10:exit

enter the choice

9

contents of dq

13

76

1:insert front
2:insert rear
3:delete front
4:delete rear
5:insert left of key element
6:insert right of key element