rear

front

R

n

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FIFO

void enqueue(int data)

Node n=new Node(data);

18

19

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21

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19

```
        {

        ~    ~         ~          ~

20

21

            if(front==null)

22

            {

23

                front-rear=n;

24

            }

25

            else

26

            {

27

28

                rear.next=n;
                rear=n;

29

            }

30
```

23

24

25

26

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28

29

}

30
31
void dequeue()

31

front

DynamicQueueExample.java *

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Circular Linked List **root**

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Source History

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Q Search (Ctrl+I)

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ThreadJoin.java ThreadPriority.java ThreadSleep.java ThreadSync.java DynamicStackExample.java DynamicQueueExample.java

CircularLinkedList.java

```java
    void printList()
79  {
80
81
82
            System.out.println("Empty List

root

1

        if(root==null)

        else

83      {

84
            Node t=root;//1

85
85
```

```java
        do
        {
            System.out.print(t.data+" ");

            t=t.next;

        } while(t!=root);
    }
```

last

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Foot

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root=root.next

BOOT

```
41        {
42            Node t=root;//1
             if(root.next==root)
```

of 10

```
44            {
45                root-last=null;
46            }
```

```java
47        else
48        {
              root=root.next;//2
50            last.next=root;//3
51        }
52    System.out.println("Deleted:"+t.data);
53    }
54
    }
```

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Source History K

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...va RunnableExample.java

Source History

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```java
void deleteRight()


        System.out.println("Empty List");


        Node t2=root;//1
        while(t!=last) // t.next!=root//2
    {
      if(root==null)


        else

        { Node t=root;//1






            {   t2=t;

                t=t.next;

        }

                last=t2;


                last.next=root;
```

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76
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78
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79
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80
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System.out.println("Deleted:"+t.data);

84

Foot

Tast

DataStructureNashik2022 (run)

running...

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DataStructure Nashik2022 (run) |

running...

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Source History

```java
77
78
79
80
81
        Node t=root;//1
        if(root.next==root) {
        root=last=null;



        while(t!=last) // t.next!=root/
        } else

82
        {
83
          Node t2=root://1
84
85
        {   t2=t;
86
            t=t.next;
87
        }
88
        last=t2;
89
        last.next=root;
90
        }
```

Root

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Output

Output
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