MainGui.java x   StackExample.java LinearQueueExample.java

Source History

```
14

15

16

17

18
         class Node
         {
             int data;
          Node next; Node(int
             data)
```

PriorityQueueExample.java ×   CircularQueueExample.java Linear LinkedListExample.java x

```
             this.data=data;
```

Data next

node

```
19
         {
20

21
             next=null;
22
         }
```

```
23          }
24
25
        {
26
27
        public class LinearLinkedListExample

          Node root;
          void initList()
```

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MainGui.java StackExample.java LinearQueueExample.java x PriorityQueueExample.java CircularQueueExample.java Linear
LinkedListExample.java Source History

```
23

24

25

26

27

28
        }
        public class LinearLinkedListExample
        {
          Node root; void
          initList()

              foot=null;
```

root null

```
void insertLeft(int data)
{

}

{

    root=n;

else
Node n=new Node(data);
if(root==null)
```

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MainGui.java StackExample.java LinearQueueExample.java PriorityQueueExample.java CircularQueueExample.java Linear
LinkedListExample.java × Source History

```java
29
30
        }
31
32
33
            root=null;

    void insertLeft(int data)
    {
        Node n=new Node(data); ✔
        if(root==null)
```

```
        n.next=root;//1//
34
35
            root=n;
36
        else
37
        {
38
39
            root=n;//2
40
        }
41
    }
42
        void deleteLeft()
```
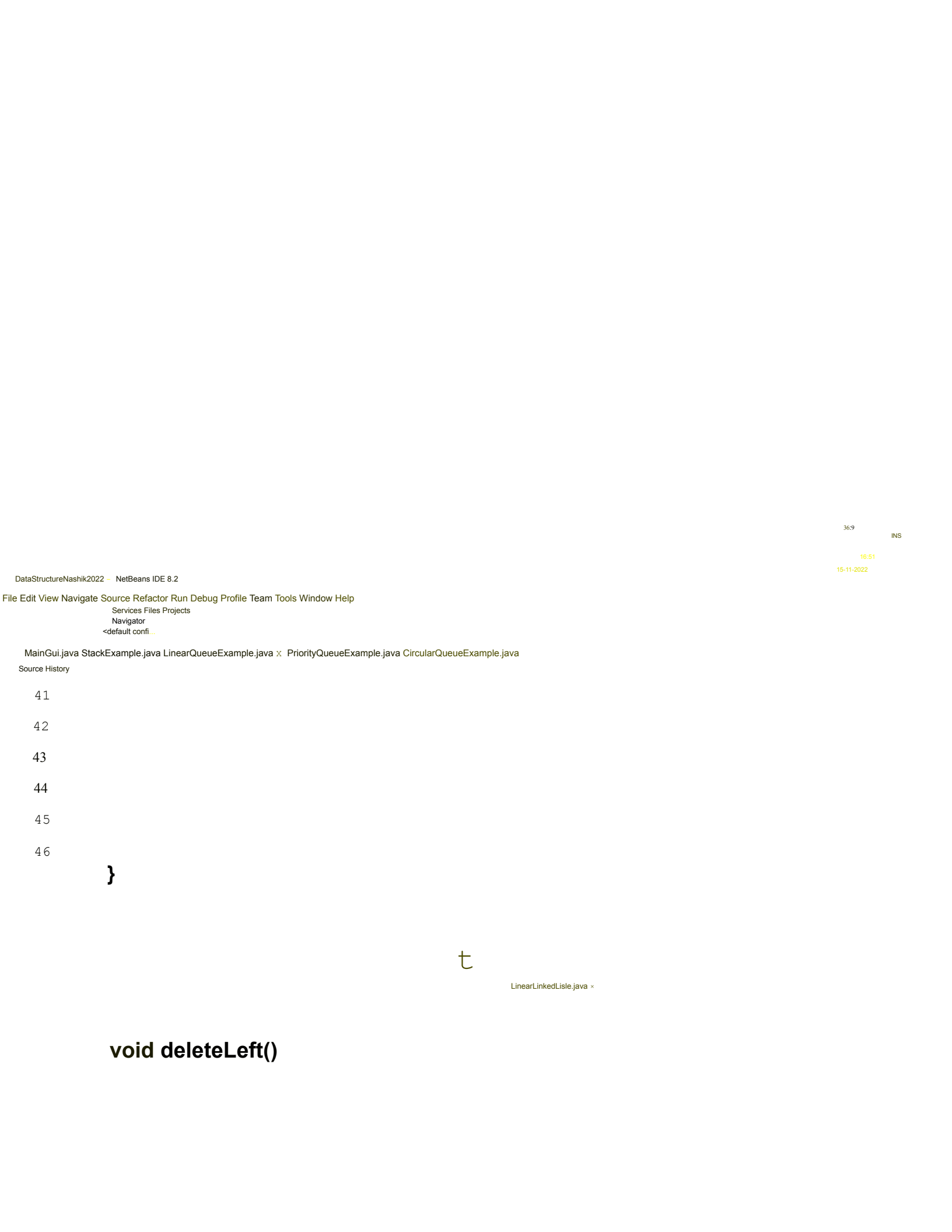
root

n

root

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Q-Search (Ctrl+I)

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MainGui.java StackExample.java LinearQueueExample.java ✕ PriorityQueueExample.java CircularQueueExample.java

Source History

41

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43

44

45

46

}

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LinearLinkedLisle.java ×

void deleteLeft()

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


    Node t=root;//1
    root=root.next;//2
    System.out.println("Deleted: "+t.data);
{
  if(root==null),

  else

```

```java
  {
```

48

49

50

51

52

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54

```java
    void insertRight(int data)
```

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16:56
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StackExample.java xLinearQueueExample.java x PriorityQueueExample.java Circular QueueExample.java
<LinearLinkedListExample.java x

a?

void insertRight(int data)

MainGui.java Source History

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56

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59

Node n=new Node(data);
if(root==null)
root=n;

root,

n

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4000

```
       else
60
       {
61

62

63
         {
64
           Node t=root;//1
           while(t.next!=null)//2

               t=t.next;
65
         }
66
           t.next=n;//3
67
       }
```

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MainGui.java StackExample.java LinearQueueExample.java × PriorityQueueExample.java CircularQueueExample.java

```
69
70
71
72
73
        void deleteRight()
         {
           if(root==null)
              System.out.println("Empty List");
           else
           { Node t=root;//1
             Node t2=root;//1
```

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t

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root

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```
74
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```

```java
    while(t.next!=null)

    {   t2=t;

        t=t.next;



    t2.next=null;
    System.out.println("Deleted: "+t.data);

    }
```

```
{
    if(root==null)


    else

90

        {
```

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MainGui.java StackExample.java LinearQueueExample.java x PriorityQueueExample.java CircularQueueExample.java
LinearLinkedListExample.java Source History

85

86

87

```
88
89      void printList()

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

91
            Node t=root;//1
92
93
            while(t!=null)
94
            {
95
                System.out.print(t.data+"   ");
```

root

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```
        t=t.next;
```
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```
    }
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}
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MainGui.java StackExample.java LinearQueueExample.java x PriorityQueueExample.java Circular QueueExample.java Linear LinkedListExample.java

Q Search (Ctrl+I)

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Source History

106

107

108

```
{
    Node t=root; //1
```

root

```
    while(t!=null)
```

20

109

```
    {C++/
```

110

```
        if(t.data==key)
```

lst

111

```java
        {

            System.out.println("Found @ position:"+c);



            return;
        }



        t=t.next;
    }
    if(t==null)

        System.out.println("Not Found");
```

C=2 2=3

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Key-Loo

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