

JAVA.UTIL.LINKEDLIST.ADD METHOD

http://www.tutorialspoint.com/java/util/linkedList_add_index.htm

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Description

The **java.util.LinkedList.add(int index, E element)** method inserts the specified element at the specified position in this list.

Declaration

Following is the declaration for **java.util.LinkedList.add** method

```
public void add(int index, E element)
```

Parameters

- **element** -- index at which the specified element is to be inserted
- **index** -- element to be appended

Return Value

This method does not return a value.

Exception

- **IndexOutOfBoundsException** -- if the index is out of range

Example

The following example shows the usage of java.util.LinkedList.add method.

```
package com.tutorialspoint;

import java.util.*;

public class LinkedListDemo {

    public static void main(String[] args) {

        // create a LinkedList
        LinkedList list = new LinkedList();

        // add some elements
        list.add("Hello");
        list.add(2);
        list.add("Chocolate");
        list.add("10");

        // print the list
        System.out.println("LinkedList:" + list);

        // add a new element at the end of the list
        list.add(2, "Element");

        // print the updated list
        System.out.println("LinkedList:" + list);
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
LinkedList:[Hello, 2, Chocolate, 10]
```

LinkedList: [Hello, 2, Element, Chocolate, 10]

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