

JAVA.UTIL.COLLECTIONS.NCOPIES METHOD

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

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Description

The **ncopies** *int, T* method is used to returns an immutable list consisting of n copies of the specified object.

Declaration

Following is the declaration for **java.util.Collections.ncopies** method.

```
public static <T> List<T> nCopies(int n, T o)
```

Parameters

- **n** -- The number of elements in the returned list.
- **o** -- The element to appear repeatedly in the returned list.

Return Value

The method call returns an immutable list consisting of n copies of the specified object.

Exception

- **IllegalArgumentException** -- This is thrown if $n < 0$.

Example

The following example shows the usage of `java.util.Collections.ncopies`

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] args) {
        // create a list with n copies
        List list = Collections.nCopies(5, "tutorial Point");

        // create an iterator
        Iterator itr = list.iterator();

        System.out.println("Values are :");
        while (itr.hasNext()){
            System.out.println(itr.next());
        }
    }
}
```

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

```
Values are :
tutorial Point
tutorial Point
tutorial Point
tutorial Point
tutorial Point
```

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