

JAVA.UTIL.COLLECTIONS.SHUFFLE METHOD

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

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Description

The **shuffle**`List < ? >` method is used to randomly permute the specified list using a default source of randomness.

Declaration

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

```
public static void shuffle(List<?> list)
```

Parameters

- **list** -- The list to be shuffled.

Return Value

- NA

Exception

- **UnsupportedOperationException** -- Throws if the specified list or its list-iterator does not support the set operation.

Example

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

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String args[]) {
        // create array list object
        List arrlist = new ArrayList();

        // populate the list
        arrlist.add("A");
        arrlist.add("B");
        arrlist.add("C");

        System.out.println("Initial collection: "+arrlist);

        // shuffle the list
        Collections.shuffle(arrlist);

        System.out.println("Final collection after shuffle: "+arrlist);
    }
}
```

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

```
Initial collection: [A, B, C]
Final collection after shuffle: [C, A, B]
```

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