

JAVA.UTIL.HASHSET.ITERATOR METHOD

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

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Description

The **iterator** method is used to get an iterator over the elements in this set. The elements are returned in no particular order.

Declaration

Following is the declaration for **java.util.HashSet.iterator** method.

```
public Iterator<E> iterator()
```

Parameters

- NA

Return Value

The method call returns an Iterator over the elements in this set.

Exception

- NA

Example

The following example shows the usage of java.util.HashSet.iterator

```
package com.tutorialspoint;

import java.util.*;

public class HashSetDemo {
    public static void main(String args[]) {
        // create hash set
        HashSet <String> newset = new HashSet <String>();

        // populate hash set
        newset.add("Learning");
        newset.add("Easy");
        newset.add("Simply");

        // create an iterator
        Iterator iterator = newset.iterator();

        // check values
        while (iterator.hasNext()){
            System.out.println("Value: "+iterator.next() + " ");
        }
    }
}
```

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

```
Value: Learning
Value: Simply
Value: Easy
```

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