**Java LinkedHashSet class**

Java LinkedHashSet class is a Hash table and Linked list implementation of the set interface. It inherits HashSet class and implements Set interface.

The important points about Java LinkedHashSet class are:

* Contains unique elements only like HashSet.
* Provides all optional set operations, and permits null elements.
* Maintains insertion order.

**Hierarchy of LinkedHashSet class**

The LinkedHashSet class extends HashSet class which implements Set interface. The Set interface inherits Collection and Iterable interfaces in hierarchical order.

Java HashSet class hierarchy

**LinkedHashSet class declaration**

Let's see the declaration for java.util.LinkedHashSet class.

1. public class LinkedHashSet<E> extends HashSet<E> implements Set<E>, Cloneable, Serializable

**Constructors of Java LinkedHashSet class**

|  |  |
| --- | --- |
| **Constructor** | **Description** |
| HashSet() | It is used to construct a default HashSet. |
| HashSet(Collection c) | It is used to initialize the hash set by using the elements of the collection c. |