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| **No.** | **Method** | **Return Type** | **Description(List)** | **Description(Set)** |
| 1. | add(Object element) | boolean | Appends the specified element to the end of this list (optional operation). | Adds the specified element to this set if it is not already present .If this set already contains the element, the call leaves the set unchanged and returns false. |
| 2. | addAll(Collection c) | boolean | Appends all of the elements in the specified collection to the end of this list, in the order that they are returned by the specified collection's iterator (optional operation). | Adds all of the elements in the specified collection to this set if they're not already present (optional operation). If the specified collection is also a set, the addAll operation effectively modifies this set so that its value is the *union* of the two sets |
| 3. | remove(Object  element) | boolean | Removes the first occurrence of the specified element from this list, if it is present (optional operation). If this list does not contain the element, it is unchanged. Returns true if this list contained the specified element (or equivalently, if this list changed as a result of the call). | Removes the specified element from this set if it is present (optional operation). Returns true if this set contained the element (or equivalently, if this set changed as a result of the call). |
| 4. | removeAll(Collection  c) | boolean | Removes from this list all of its elements that are contained in the specified collection (optional operation). | Removes from this set all of its elements that are contained in the specified collection (optional operation). If the specified collection is also a set, this operation effectively modifies this set so that its value is the *asymmetric set difference* of the two sets. |
| 5. | clear() | void |  | Removes all of the elements from this set (optional operation). The set will be empty after this call returns. |
| 6. | size() |  |  |  |
| 7. | contains(Object  element) |  |  |  |
| 8. | iterator() |  |  |  |
| 9. | toArray() |  |  |  |