Learn how to play with collections in Java programming. Here are most commonly used examples −

- How to convert an array into a collection?
- How to compare elements in a collection?
- How to convert a collection into an array?
- How to print a collection?
- How to make a collection read-only?
- How to remove a specific element from a collection?
- How to reverse a collection?
- How to shuffle the elements of a collection?
- How to get the size of a collection?
- How to iterate through elements of HashMap?
- How to use different types of Collections?
- How to use enumeration to display contents of HashTable?
- How to get Set view of Keys from Java Hashtable?
- How to find min & max of a List?
- How to find a sublist in a List?
- How to replace an element in a list?
- How to rotate elements of the List?
- Write a program to find the second highest elements in list

ArrayList & LinkedList

- Sort ArrayList
- Sort ArrayList in Descending order
- Sort ArrayList of Objects using Comparable and Comparator
- Add element to ArrayList
- Add element at particular index of ArrayList
- Append Collection elements to ArrayList
- Copy All List elements to ArrayList
- Insert all the collection elements to the specified position in ArrayList
- Remove element from the specified index in ArrayList
- Remove specified element from ArrayList
- Get Sub List of ArrayList
- Get the index of last occurrence of the element in the ArrayList
- Get element from ArrayList
- Get the index of first occurrence of the element in the ArrayList
- Check whether element exists in ArrayList
- Compare two ArrayList
- Synchronize ArrayList
- Swap two elements in ArrayList
- Override toString() method – ArrayList
- Serialize ArrayList
- Join two ArrayList
- Clone ArrayList to another ArrayList
- Make ArrayList Empty
- Check whether ArrayList is empty or not
- Trim the Size of ArrayList

- Replace the value of existing element in ArrayList
- Increase the capacity(size) of ArrayList
- Convert LinkedList to ArrayList
- Convert Vector to ArrayList
- Convert ArrayList to String Array
- Convert Array to ArrayList
- Convert HashSet to ArrayList
- LinkedList Iterator example
- LinkedList ListIterator example
- Iterate a LinkedList in reverse Order
- Check whether a particular element exists in LinkedList
- Clone a LinkedList to another LinkedList
- Get the index of last occurrence of an element in LinkedList
- LinkedList push() and pop() methods
- LinkedList poll(), pollFirst() and pollLast() methods
- LinkedList peek(), peekFirst() and peekLast() methods
- Convert LinkedList to ArrayList
- Convert LinkedList to Array

Vector

- Get sub list from Vector
- Sort Vector using Collections.sort()
- Search element in Vector using index
- Copy Elements of one Vector to another
- Remove element from Vector
- Remove element from specified index in Vector
- Remove all elements from Vector
- Replace element in Vector
- Set Vector size
- Vector enumeration example
- Vector Iterator example
- Vector ListIterator example
- Convert Vector to List
- Convert Vector to ArrayList
- Convert Vector to String Array

HashMap

- How to iterate HashMap
- Sort HashMap by Keys and values
- Get Size of HashMap
- Remove Key-value mapping from HashMap
- Remove all mapping from HashMap
- How to check if HashMap is empty or not?
- Check if particular key exists in HashMap
- Check if particular value exists in HashMap
- Serialize HashMap
- Synchronize HashMap
- HashMap Iterator example

- Copy one HashMap to another
- Get value from HashMap using Key
- Get Set view of keys from HashMap
- Clone a HashMap

TreeMap

- TreeMap example
- Sort TreeMap by value
- TreeMap Iterator example
- Iterate TreeMap in reverse order
- Get the sub map from TreeMap
- Get the size of TreeMap
- Remove key-value mapping from TreeMap
- Remove all the mappings from TreeMap

TreeSet

- How to convert a HashSet to TreeSet

Hashtable

- Hashtable example
- Sort Hashtable
- Hashtable Iterator example
- Check key-value existence in Hashtable
- Remove mapping from Hashtable
- Remove all mappings from Hashtable
- Get size of Hashtable