Array List

* it is a class of java.util package
* It provides us with dynamic arrays in Java.
* In case of primitive types, Wrapper classes are used to specify the object type
* Can be declared with/without specifying initial size
* size()

**Constructors to create an array list**

**1. ArrayList()**

This constructor is used to build an empty array list.

### ****2. ArrayList(Collection c)****

This constructor is used to build an array list initialized with the elements from the collection c

### ****3. ArrayList(int capacity)****

This constructor is used to build an array list with the initial capacity being specified.

[add() method](https://www.geeksforgeeks.org/java-util-arraylist-add-method-java/?ref=rp).

This method is overloaded to perform multiple operations based on different parameters.

### **remove(int index):** After removing the element, all the elements are moved to the left to fill the space and the indices of the objects are updated.