

Methods in the `ArrayList` Class

`boolean add(<T> element)`

Adds a new element to the end of the `ArrayList`; the return value is always `true`.

`void add(int index, <T> element)`

Inserts a new element into the `ArrayList` before the position specified by `index`.

`<T> remove(int index)`

Removes the element at the specified position and returns that value.

`boolean remove(<T> element)`

Removes the first instance of `element`, if it appears; returns `true` if a match is found.

`void clear()`

Removes all elements from the `ArrayList`.

`int size()`

Returns the number of elements in the `ArrayList`.

`<T> get(int index)`

Returns the object at the specified index.

`<T> set(int index, <T> value)`

Sets the element at the specified index to the new value and returns the old value.

`int indexOf(<T> value)`

Returns the index of the first occurrence of the specified value, or `-1` if it does not appear.

`boolean contains(<T> value)`

Returns `true` if the `ArrayList` contains the specified value.

`boolean isEmpty()`

Returns `true` if the `ArrayList` contains no elements.