**HANDOUT 13.1**

**ArrayList Methods**

**int** size(); // Returns the number of elements

// currently stored in the list

**boolean** isEmpty(); // Returns true if the list is empty,

// otherwise returns false

**boolean** add(Object obj); // Appends obj at the end of the list;

// returns true

**void** add(**int** i, Object obj); // Inserts obj before the i-th element;

// increments the indices of the

// subsequent elements by 1

Object set(**int** i, Object obj); // Replaces the i-th element with obj;

// returns the old value

Object get(**int** i); // Returns the value of the i-th

// element

Object remove(**int** i); // Removes the i-th element from the

// list and returns its old value;

// decrements the indices of the

// subsequent elements by 1

Note: Although this is an incomplete list, it shows the methods that are part of the AP subset.

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