

## ArrayList Notes

### ArrayList Vocabulary

ArrayList<Type>	set(int, object)
Autoboxing	add(object)
AutoUnboxing	add(int, object)
<>	remove(int)
import	size()
get(int)	Wrapper classes

### Questions to answer:

- What is needed to store a primitive value in an ArrayList?
- What is needed to retrieve a primitive value from an ArrayList?
- What library is needed to use an ArrayList in your Java file?
- What method replaces a value in an ArrayList?
- Can you create an ArrayList with a starting size?
- How does polymorphism relate to ArrayList?
- What is the for loop header to go through an ArrayList forward?
- What is the for loop header to go through an ArrayList backward?
- What changes need to be made if you are removing from an ArrayList in a loop?
  - Forward:
  - Backward:
- What is the header for a for-each loop with an ArrayList?
- Can you remove from an ArrayList using a for-each?
- Can you modify the state of objects in an ArrayList using a for-each/
- What is the difference between myList.add(object) and myList.add(int, object)
- Can you use array notation on an ArrayList object in Java?
- What is the return type of the .remove(int) method in an ArrayList?
- How do you identify the last index in a ArrayList programmatically?
- What is the first index in an ArrayList?

### Extra Knowledge:

- How do you create an ArrayList based on another list?
- What method looks to see if a supplied parameter is inside the list?