

1. Declare an ArrayList of 15 Students

```
ArrayList <ClassName> myArrayList = new ArrayList <ClassName> (15);
```

2. Declare an ArrayList with default number of Students

```
ArrayList <ClassName> numOfStudents = new ArrayList <ClassName> (10);
```

3. What can and can't ArrayList hold?

ArrayList can hold objects, and it cannot hold primitive data types like int or double.

4. Collegeboard's Java Subset (Google "College Board AP CS A")lists all the classes/methods you are required to be familiar with. Which methods of the ArrayList class are you required to know? Copy/Paste them here:

class java.util.List<E>

- int size()
- boolean add(E obj)
// appends obj to the end of list; returns true
- void add(int index, E obj)
// inserts obj at position index (0<= index <= size),
// moving elements at position index and higher
// to the right (adds 1 to their indices) and adjusts size
- E get(int index)
- E set(int index, E obj)
// replaces the element at position index, with obj
//returns the element formerly at the specified position
- E remove(int index)
// removes element from position index, moving elements
// at position index + 1 and higher to the left
// (subtracts 1 from their indices) and adjusts size
// returns the element formerly at the specified position
- class java.util.ArrayList implements java.util.List

5. Are there overloaded methods in the ArrayList class/ subset? List them!

```
boolean add(E obj)  
and  
void add(int index, E obj)
```