

**AP Computer Science 'A' Practice Java Quiz #5 (30 Points)**

On paper, closed computer, notes, and books

For this quiz you are to write only two separate Java methods, not a complete class. You should not have a 'main' method or import statements or use global variables. You are not required to comment your code.

- 1) Complete the Java method for the signature shown below. The method takes one argument, an ArrayList of Integers containing any odd number of elements, and removes the middle element (based on position, not size of values). For example, if the original ArrayList consists of [19, 32, 10, 5, 107], then the modified ArrayList should be [19, 32, 5, 107]. Or, for example, a list consisting of [7, 28, -4] should become [7, -4]. The method should not print or return anything or get any user input.

```
public static void removeMiddle(ArrayList<Integer> numberList)
{

}

}
```

- 2) Complete the Java method below that accepts an ArrayList of any number of unique Integers, in any order. The method should swap the first element in the list with the largest element in the list. For example, if the original ArrayList consists of [7, 20, 4], then the modified ArrayList should be [20, 7, 4]. Or, for example, a list consisting of [98, 150, 66, 172] should become [172, 150, 66, 98]. Or, for example, the list [53, 14] should remain [53, 14]. The method should not print or return anything or get any user input.

```
public static void moveLargest(ArrayList<Integer> listOfNums)
{

}

}
```