Binary Search Activity

Rewrite the **BinarySearchDemo** & **BinarySearchTester** classes from the assignment example so that the methods use **ArrayLists** instead of Arrays.

To prefill an ArrayList:
- import java.util.Arrays;
- ArrayList<*Type of values*> array = new ArrayList<>(Arrays.asList(*value1, value2, etc*));

To change the value of an ArrayList element
- arraylist.set(*index, new value*);
- Parameters: This method takes the following argument as a parameter.
    - index- index of the element to replace
    - element- element to be stored at the specified position

Submit the zipped project folder to Canvas by the due date.