**Searcher.java**

**Directions:** Create the Searcher class that contains two searching algorithms. The first algorithm is a linear search that accepts an integer array and a target value as parameters. The second method is a binary search algorithm that is provided from your book on page 443. The class will have no static variables, instance variables, or constructors. See summary below:

public static int linearSearch(int[] arry, int target)

* returns -1 if the target is not found, otherwise returns the index of the target

public static int binarySearch(int[] arry, int target)

* returns -1 if the target is not found, otherwise returns the index of the target