Aim: Recursion Practice.

Create a class called Lab25, and put in the following variables and a main method.

```java
public class Lab25 {
    public static void main (String[] args) {
        int[] intArray = {3,5,9,4,10,33,12,19,4,16,23,30};

        // insert statements to call the methods below and print the results from each call.
    }
}
```

Write and run the following recursive methods from within the main method.

```java
public static int largest(int[] myArray, int index) {
    // The largest number in the array is the larger of the first number in the array, and
    // the largest number in the rest of the array.

    public static int sum (int[] myArray, int index) {
        // The sum of the numbers in the array is the first number plus the sum of the rest of
        // the numbers in the array.

        public static Boolean isSorted(int[] myArray, int index) {
            // The array is sorted if the first number in the array is less than or equal to
            // the second number in the array, and the rest of the array is sorted.
```