public static int largest(int[] myArray, int index) { ... }

**Base Case:** If you’ve reached the last element, this is the largest number in the rest of the array, so return this element.

**Recursive Case:** Return the larger of the element at index and the rest of the array (recursive call).

---

public static int sum(int[] myArray, int index) { ... }

**Base Case:** If you’ve reached the last element, this is the sum of the rest of the array, so return this element. Alternatively, if the index is equal to the length of the array, return 0.

**Recursive Case:** Return the current element at the given index plus the sum of the rest of the array (recursive call).

---

public static boolean isSorted(int[] myArray, int index) { ... }

**Base Case:** If you’ve reached the last element, return true since a single number is sorted.

**Recursive Case:** If the elements at index and (index + 1) are not sorted, the array as a whole is not sorted, so return false; otherwise, check if the rest of the array is sorted (recursive call).