ALGORITHM CONTINUED

MergeSort(arr[], l, r)

If r > l

1. Find the middle point to divide the array into two halves:

    middle m = (l+r)/2

2. Call mergeSort for first half:

    Call mergeSort(arr, l, m)

3. Call mergeSort for second half:

    Call mergeSort(arr, m+1, r)

4. Merge the two halves sorted in step 2 and 3:

    Call merge(arr, l, m, r)

SORTING METHODS