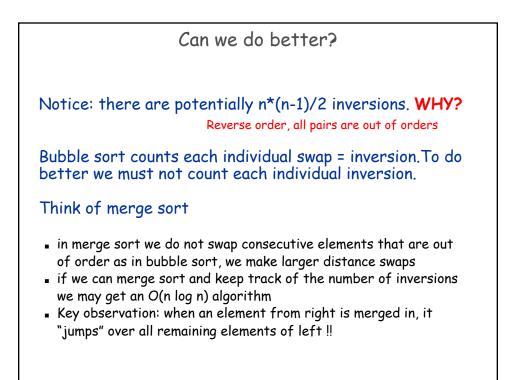
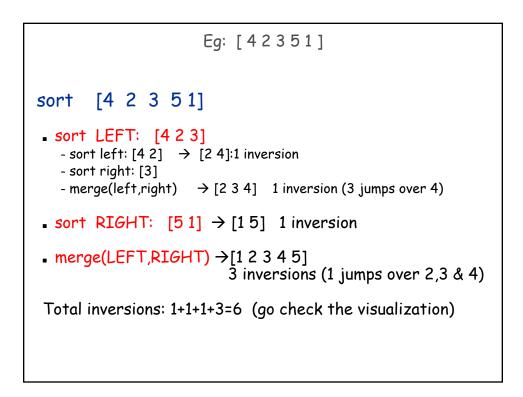
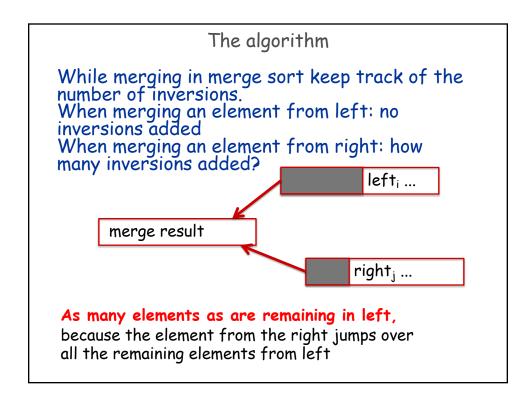
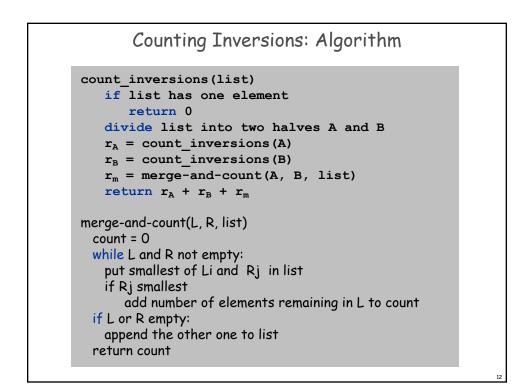


4









Running time

Just like merge sort, the sort and count algorithm running time satisfies:

T(n) = 2 T(n / 2) + cn

Running time is therefore O(n log n)