

## Discussion Questions for “QuickSort”

1. What is the “Divide and Conquer” strategy? How does this strategy apply to QuickSort?
2. The professor gave an example of QuickSort that uses numbers as keys. Can other data types or objects be used as keys? What is required of an object or a data type to be able to run the QuickSort algorithm?
3. The QuickSort algorithm was quite a bit more complicated than the Insertion sort or Merge sort we had seen previously. Were you surprised that the performance of such a complicated algorithm was as good as or better than many of the simple algorithms we discussed in the last lecture?
4. Are you willing to ask the Professor how he learned to use a library sort rather than code his own sort routine?