EECE.3220: Data Structures

Spring 2017

Lecture 32: Key Questions April 19, 2017

1. Review the basics of quicksort

2. Review the basics of merge sort.

EECE.3220: ECE Application Programming Spring 2017

M. Geiger Lecture 32: Key Questions

3. **Example:** Given the following list: {5, 10, 9, 1, 13, 20, 12, 3, 7, 2}, sort it using:

a. Quicksort (use the first element of each group as the pivot)

EECE.3220: ECE Application Programming
M. Geiger
Spring 2017
Lecture 32: Key Questions

3. **Example (cont):** Given the following list: {5, 10, 9, 1, 13, 20, 12, 3, 7, 2}, sort it using:

b. Merge sort