Group 2 Meeting Minutes

***Group 2 - Minutes***

18 February 2016 / 7:00 PM / Meeting duration

Attendees

James, Shawn, George, Robert

Agenda

**Discuss Worksheets**

1. Worksheet 33 – reviewed code; not much discussion, it was covered in lectures/worksheets/readings pretty well.
2. Worksheet 34 – worked through the different steps. Discussed how the process of heapsort takes O(n log n) time because we iterate through all n elements of the array, and each element is moved from the last position to the top and takes at most log n steps to percolate back down into its correct position. Discussed similarity to binary search and importance of divide-and-conquer strategy.
3. Worksheet “Heap practice” – walked through the various add operations and discussed how the value added basically looks at its two children and swaps with the lesser of them if either is smaller than it, then continues to do that while it has a child that is smaller than it. Drew out the diagram.

Notes

* We looked ahead at the coming worksheets briefly and discussed what else was coming up including dictionary with dynamic array, hash with dynamic array and a combined hash/link structure.

Action Items

1. Review hash worksheets before next meeting

Next Meeting Agenda

Discuss worksheets and any other issues with C-related syntax that arise.