Burt Rosenberg

Quiz Review

You are responsible for these items:

1. Trees: How to search, insert and delete in a binary tree.

2. Union-Find: How to union and find an element using an array of parent pointers, as in the code distributed in class for Kruskal's MST. Be prepared to simulate union-find by hand on a given parent array.

3. Heaps: How to insert into a heap and use delete-min to take things out of a heap. Be prepared to simulate this by hand on given array of values.

4. Hashing: How to use linear probing to insert things into a hash table and search for things in a hash table. Be prepared to simulate this by hand on a given hash array.

5. Pascal: You should be fluent with pointers, records and arrays.

The quiz will be Monday, December 14-th, in class.