Yifan Guo

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Estimated time: 20 hours

Actual time spent: 10 hours

4. Yes,

Did not realize that I had to manually set the TrieNodePointers to nullptr.

<http://stackoverflow.com/questions/15212261/default-initialization-of-pod-types-in-c>

I struggled significantly with implementing the destructor, because I did not fully understand what was dynamically allocated memory (aka. What I manually had to delete). Now I understand that I only call delete on pointers that have been assigned to dynamically allocated memory using the “new” operation. Pointers to dynamic arrays must include square brackets in their delete statements; static arrays do not need to be deleted.

<http://stackoverflow.com/questions/4748669/destructor-of-class-with-pointer-array-c>

5. This project thoroughly tested everything we covered in classes so far and showed me that I didn’t know as much as I thought I knew. I had to review my notes/past projects/lookup questions online several times to go over things we covered in class. Very good review for the final.

6. Project description was not lacking, I just felt I did not infer certain points from the spec even after carefully reading it, such as not realizing that the empty space character is not a lower case letter, all pointers must be explicity set to nullptr, etc.