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Prof Syrotiuk

CSE 310

21 October 2021

Project State

Describe problems encountered:

There were not many problems faced with the implementation of the arrays of structs and fetching data from files. All the csv information was transferred successfully into array data structures and the numbers with characters appended to the end of them were successfully turned into integers. All my problems came from the implementation of the Binary Search Tree. I did not have enough time to figure out what was wrong before the due date, so I turned in my code with as far as I got. The code does not crash but it does not print any values for my tree. I have no doubt that it will be fixed before the full submission, but it was unfortunate that I struggle to complete it for the milestone.

Describe bugs and incompleteness:

The major bug in my code is the absence of information printed in range queries. I know how to print BST nodes and storm event data, but because my BST is poorly implemented it cannot find the nodes to print.

References:

The only references I used were from notes on algorithms the professor gave to us during class and notes from recitations. I just used the notes and pseudocode to figure out what the C++ algorithm would be. Other than this I used no other references and I'm not sure how to cite notes given in class.

Version Control:

The version control was just me occasionally, pushing my files from the general ASU server to my GitHub account. Screenshots of my version control are posted below on the following page.

arubio13 Everything but tree search completed		5bc0254 15 minutes ago	🔄 8 commits
📄 Makefile	Created Makefile and storm.cpp	13 days ago	
📄 README.md	README.md now has more useful information about the project to h...	12 days ago	
📄 defns.h	Everything but tree search completed	15 minutes ago	
📄 details-1950.csv	Everything but tree search completed	15 minutes ago	
📄 details-1951.csv	Everything but tree search completed	15 minutes ago	
📄 details-1952.csv	Everything but tree search completed	15 minutes ago	
📄 details-1966.csv	Everything but tree search completed	15 minutes ago	
📄 details-1996.csv	Everything but tree search completed	15 minutes ago	
📄 fatalities-1950.csv	Everything but tree search completed	15 minutes ago	
📄 fatalities-1951.csv	Everything but tree search completed	15 minutes ago	
📄 fatalities-1952.csv	Everything but tree search completed	15 minutes ago	
📄 fatalities-1966.csv	Everything but tree search completed	15 minutes ago	
📄 fatalities-1996.csv	Everything but tree search completed	15 minutes ago	
📄 prime.cc	Renamed prime .cc to prime.cc	13 days ago	
📄 query.cpp	Everything but tree search completed	15 minutes ago	
📄 storm.cpp	Everything but tree search completed	15 minutes ago	

Commits on Oct 21, 2021		
Everything but tree search completed arubio13 committed 16 minutes ago		5bc0254 <>
Commits on Oct 9, 2021		
README.md now has more useful information about the project to help m... arubio13 committed 12 days ago		abd3126 <>
Renamed prime .cc to prime.cc arubio13 committed 13 days ago		1c7ef3a <>
Merge https://github.com/ARubio13/Storm arubio13 committed 13 days ago		8fb9e48 <>
Rename prime (1).cc to prime .cc ARubio13 committed 13 days ago	Verified	877c423 <>
Add files via upload ARubio13 committed 13 days ago	Verified	6aa387b <>
Created Makefile and storm.cpp arubio13 committed 13 days ago		cc05383 <>
Commits on Oct 5, 2021		
first commit arubio13 committed 16 days ago		d8b0016 <>