

Project State

- (a) Describe any problems encountered in your implementation for this project.
 - a. In this project, I had issues with segmentation faults that generally originated because I was accessing my elements at 0. I also ran into a bracket issues inside of my Dijkstra's implementation where my code was running the wrong if else statement and never entering the DecreaseKey() loop. I also had an issue where I had a typo in my makefile executable. I also ran into issues where my keys were not being updated, but through lot of bug checking I found I misplaced the print statement, and they were indeed changing just not printing at the right time.
- (b) Describe any known bugs and/or incomplete query implementation for this project.
 - a. The code now currently compiles and other than failed test case 16, there should be little to no bugs in my code. The only known bugs are regarding the test cases are from test 16 which using long integers which causes my int variables to not function properly.
- (c) While this project is to be complete individually, describe any significant interactions with anyone (peers or otherwise) that may have occurred.
 - a. The most significant interaction that I had between others were with your code and watching the videos and lectures surrounding the code and how it works as a fluid program.
- (d) Cite any external books, and/or websites used or referenced.
 - a. The only external source I had used was your examples of code and I was able to manipulate it to create my own. I used a portion of the book to verify pseudocode and to double check calculations and information. But there was no outside book or website I referenced for this project.
- (e) A screen shot from your version control system showing commits over the development period of this project
 - a. (included in gradescope upload in case there is difficulty seeing my history)

Repo: CSE310Project3Branches: Show AllShow Remote Branches

Graph

main originMerge branch 'main' of https://github.com/leph04/CSE310Project3 into main

UpdatesMerge pull request #1 from leph04/Post-Working

Post-Working originTest

35/60

Actually working state

I can't anymore

Now printing key values properly and dijkstra

So much stuff

Updates

Before Element Overhaul in graph

Lots of changes

Some updates before I start

Minor updates

Updates to makefile, file names, Heap and Graph

Major updates

Heap Overhaul, Graph Updates, O Bags

Major Graph Updates

Random Updates

Random Updates

Dijkstras updates

dijkstra additions

Updates to main, graph and util

updates

Minor updates to graph and includes

Minor updates to graph and includes

Updated Makefile

Final pushes for the night

Final Push for the night

Graph and main updates

Time of updates to overall project structure

Updated the basics of the files

Updates

Added Makefile, updated Heap.hpp, data structures

Added some pseudocode

Minor commit/update push

Overhaul of project and bringing in project files

Final commit for today

Minor updates to graph files

General updates and comments added

Project Initialization

| Date | Author | Commit |
|-------------------|--------|----------|
| 21 Apr 2021 13:42 | leph04 | 1ab9c3d5 |
| 21 Apr 2021 13:42 | leph04 | 03b4c7b9 |
| 21 Apr 2021 13:33 | leph04 | 7555a4b1 |
| 21 Apr 2021 12:53 | leph04 | 90da4b34 |
| 21 Apr 2021 12:41 | leph04 | 06da253b |
| 21 Apr 2021 11:30 | leph04 | 176dc479 |
| 21 Apr 2021 03:13 | leph04 | 6985d9d5 |
| 21 Apr 2021 02:14 | leph04 | 624f7d37 |
| 20 Apr 2021 03:33 | leph04 | 281d2910 |
| 20 Apr 2021 16:12 | leph04 | 93ed075e |
| 20 Apr 2021 16:13 | leph04 | 6eccc52e |
| 20 Apr 2021 15:03 | leph04 | 4d781695 |
| 20 Apr 2021 12:03 | leph04 | 66c2ae50 |
| 19 Apr 2021 01:12 | leph04 | db1626db |
| 18 Apr 2021 20:09 | leph04 | 35ad60db |
| 18 Apr 2021 17:00 | leph04 | 118910d8 |
| 15 Apr 2021 17:21 | leph04 | 63796dd1 |
| 15 Apr 2021 16:03 | leph04 | f6a1396c |
| 14 Apr 2021 21:29 | leph04 | dffa1cde |
| 14 Apr 2021 21:29 | leph04 | 00d81ff6 |
| 14 Apr 2021 20:58 | leph04 | c2dc5962 |
| 14 Apr 2021 18:55 | leph04 | a091cc54 |
| 14 Apr 2021 14:51 | leph04 | 42b60eb9 |
| 14 Apr 2021 01:46 | leph04 | a460a14e |
| 14 Apr 2021 01:45 | leph04 | 4698a115 |
| 13 Apr 2021 15:23 | leph04 | ae7d4d71 |
| 13 Apr 2021 15:22 | leph04 | 290bb96d |
| 12 Apr 2021 14:43 | leph04 | 5eb40263 |
| 8 Apr 2021 22:36 | leph04 | 09c39dad |
| 8 Apr 2021 22:36 | leph04 | a256a372 |
| 8 Apr 2021 21:15 | leph04 | f5c5654f |
| 8 Apr 2021 16:53 | leph04 | e5c15d23 |
| 8 Apr 2021 16:47 | leph04 | 289326d1 |
| 8 Apr 2021 15:37 | leph04 | d192725b |
| 8 Apr 2021 15:37 | leph04 | d83e750f |
| 8 Apr 2021 14:35 | leph04 | 6879a9d5 |
| 7 Apr 2021 17:22 | leph04 | ed9fad3c |
| 7 Apr 2021 17:17 | leph04 | b465d198 |
| 6 Apr 2021 19:44 | leph04 | cc15907c |
| 6 Apr 2021 18:07 | leph04 | f837d107 |
| 6 Apr 2021 13:13 | leph04 | 2647d400 |
| 6 Apr 2021 13:07 | leph04 | 3c16d055 |

PROBLEMSOUTPUTDEBUG CONSOLETERMINAL

z: bash

brandon@ubuntu: ~/Desktop/Synching/ASU code files/CSE310Project3