CSCI110 – Final Project Spring 2024

The final project is a simple game program that you write and submit to your GitHub repository.

Examples include Tic Tac Toe, Hangman or anything can come up with but using File IO, unit testing and Menus as the basic requirement. Below are the general guidelines for your program.

1. Create a folder called final in your course repo.
2. Create a Python source file called final.py
3. Write program and programmer information as comments at the top of the script.
4. Your program must read and write to a text file. The file can be used to store data for the program.
5. The game must be broken into several functions, preferably some fruitful functions that can be unit-tested.
6. The game continues until the player wants to quit.
7. Include as many “bells and whistles” as possible to make the game entertaining and intuitive to play.
8. Must write some unit test cases to test some fruitful functions that are used to solve the game.
9. Write adequate comments to explain your code.
10. **Note: Will receive 0 and possibly an F in the class if you’re found copying from the Internet or each other!**
11. Update your README file with the status of the project **(5 points)** E.g.

# Final Project

* All the requirements are met (**95 points**)
* readme is up to date **(5 points)**
* Total points = 100

**Submission:**

1. Use VS Code’s GUI or local git command line client to add all the source file(s) into the correct folder in the repository and do a final add and commit before the due date.
   1. $ git status
   2. $ git add … - add each file that was new or modified
   3. $ git commit -m “Final Submission”
   4. $ git push
   5. $ git status
2. Check and make sure the files are pushed/uploaded to your gitlab repo
3. NOTE: Do NOT add, commit, and push to this folder after the due date as it may be considered late submission!

This page is blank