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CS 21

Final Project

Project Summary

This program prompts the user to play a game of word hunt. A random selection of five letters is displayed, and the user has to come up with as many three to five letter words as possible. The user is allowed to use a letter more than once, and there is no penalty for incorrect words. Once the user is done entering words they hit enter and the words they correctly entered are listed, along with the words that they missed. After each round the user is prompted to play another game or quit. The user is able to play as many rounds as they want and will be given all of their results once they are done playing. The results will be posted to an out file that will show the user their total player score, the total possible score, and the number of rounds that they played.

We chose to code this word game because we have experience in coding other games, so we wanted to use our knowledge of that to make a more difficult one. We thought this would be a fun idea that would include most of the topics we have learned during the entirety of the semester.

The only dependencies necessary to run this project are three text files, which have been included. Please make sure to download these text files as simple text in the same folder as the final project. After being prompted to begin the round, a random character is selected to begin. A list of letters is given, and the user has to enter as many words as they can. When they are done, they should hit enter, and after that they can continue or quit. After quitting, the text file named final\_results.txt can be opened to read the game results.

Works Cited

Gaddis, T. (2018). *Starting out with Python*. Pearson.