CPE101 Spring 2021 Project 2

Project Plan

Student #1 Name: Jack W Forrester   **Section #:** CPE-101-17-2214

Student #2 Name: n/a   Section #: n/a

Target project completion date (deadline): Ideally May 5th, No later than May 11th

Task ID	Task	Person Responsible	Target Completion Date
1	Review material from week 5 and lab 6. Study week 6 material and see if it provides any tips/strategies which can be utilized in the wordsearch.py file (w/o using lists)	Jack F	May 1st
2	Complete Project Plan Sheet	Jack F	May 2nd
3	Create reverse_string function (Reference similar function in lab 6)	Jack F	May 2nd
4	Write tests for functions in wordsearch_test.py file	Jack F	May 2nd
5	Write transpose_string function	Jack F	May 2nd
6	Write a function to check a word oriented in a forward direction	Jack F	May 2nd
7	Write a function to check a word oriented in reverse direction	Jack F	May 3rd
8	Write a function to check for a word oriented in the up direction	Jack F	May 3rd
9	Write a function to check for a word oriented in the down directions	Jack F	May 3rd
10	Compile previous four functions listed above into a all-in-one find_word function	Jack F	May 3rd

11. Write a function which formats the puzzle to be one row per line   Jack F   May 3rd
12. Write the main() function which prompts the user for certain   Jack F   May 3rd
     inputs, removes trailing new line characters
13. Submit Project Plan Sheet and wordsearch_tests.py file for   Jack F   May 3rd
     part 1 to canvas

14. Run tests on code in wordsearch_tests.py file and by comparing the inputs and outputs to the downloaded test1, test2, and test3 test on Gradzilla Jack F May 3rd

15. Run code through pylint program and make the necessary adjustments to better fit the PEP 8 coding style Jack F May 3rd

16. Submit wordsearch.py file to Gradzilla, and present the wordsearch.py and my_test text file to both professor Kuboi and Sullivan (discord) Jack F May 4th

17. Make any necessary adjustments to code upon receiving feedback from professor Kuboi and Sullivan Jack F May 5th

18. Resubmit wordsearch.py to gradzilla and upload the following: wordsearch.py, wordsearch_tests.py, my_test1.txt, my_test2.txt, and my_test3 to canvas Jack F May 5th