Fundamentals of Programming for Business

Lab Assignment 6

Important: *Submit your lab assignment as a single file via Canvas named LastName_FirstName_Lab_LabNumber.zip (e.g., Smith_John_Lab_06.zip). No late submissions will be accepted.*
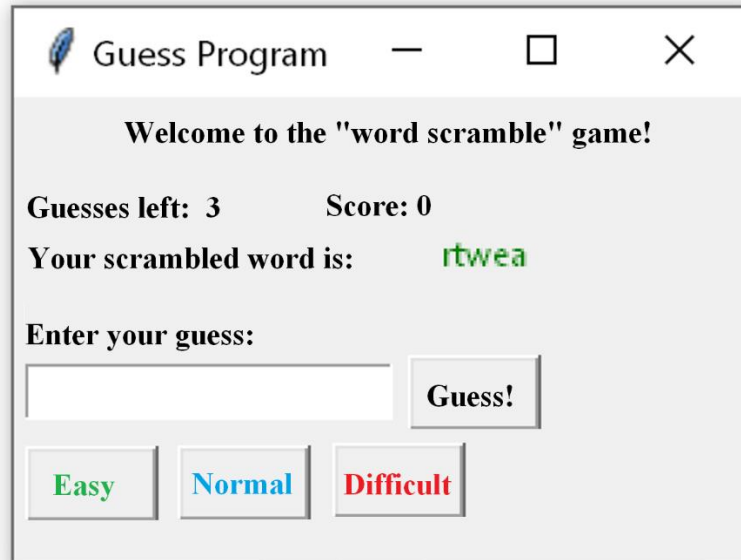
Description:

In this lab assignment, you are going to develop a GUI (Graphical User Interface) for the "Word Scramble" game that you have previously developed in the lab assignment 4.

For you reference, a simplified version of the program is uploaded onto the Canvas.

Requirements:

- Design a GUI application similar to the one given below:

- Let user choose the next word from "easy", "normal", or difficult categories
- Compute the total score after each guess
- Give the player 3 chances to guess the word
- Provide instant feedback for every interaction
- Display all information on the game window (No input/output from or to the console)
- Organize your widgets in a coherent design

- All buttons and controllers must work properly
- Use Python tkinter widgets only (do not use any other libraries)
- Feel free to make any additional changes to the code / GUI as necessary

Grading:

This assignment is out of 60 points, graded on:

- Does the code work properly? If doesn't work, describe where you had problems.
- Is the code <u>well commented and readable</u>?
- Did you implement all the required parts?

Submission:

1. For each assignment, create a new directory on your computer, and name it: LastName_FirstName_Lab_LabNumber.zip (Ex: Smith_John_Lab_06.zip).
2. Copy all your Python scripts (the final version of your files) to your directory. You can also add a README.txt that contains information on how to run your code.
3. Zip your folder using the same name as your directory.
4. Go to the Canvas course site. Click the Assignment link for the assignment you wish to submit. You will then see a screen allowing you to submit your assignment.
5. The "Choose File" button allows you to select the file you wish to turn in.
6. Use the Submit button to submit your file for grading.
7. After using Submit, WAIT until you see a confirmation screen showing that your assignment was successfully submitted. If you close the browser window before receiving this confirmation, your submitted file may be corrupted.
8. **No files sent via email will be accepted or considered**. No other submissions, of any form other than that described in this handout, will be accepted or considered.