CSCD 210
Lab 9

Assignment Overview

Your job for this assignment is to create the game of word guess. The game is played in the following fashion:

1. Player 1 is prompted for their name
2. Player 2 is prompted for their name
3. The rules of the game are displayed.
4. Player 1 is prompted by name to enter a word to be guessed
    a. The word is converted from a string into a character array
5. Player 2 is prompted by name to guess a letter.
    a. If the letter exists in the word then it is displayed and player 2 guesses again
    b. If the letter does not exist in the word then player 2 is charged a try. Player 2 has 7 tries to guess the word.
    c. If player 2 can't guess the word with 7 incorrect guesses then a message clearly claiming the player lost.
    d. If player 2 can guess the word without losing all of her/his tries, then a message clearly claiming the player won.
6. The option to play another game is provided
    a. If "yes" is entered then the game starts over at #1
    b. If "no" is entered then the game ends
    c. Any other input will reprompt

Specifications:

1. The word entered by player 1 must be 5 or more characters. If it is not 5 or more characters, player 1 will be re-prompted for a word after the appropriate error message is displayed.
2. Player 2 will guess the word by entering letters.
3. If player2 misses a letter.
    a. Display the remaining number of guesses/tries
    b. Display the letters that are still available to be guessed.
4. Dashes will be used to represent the number of characters in the word.
5. As the player makes correct guesses, the dashes of the word should be replaced by the correctly guessed letters. For example, if "pepperoni" is the word to guess, this is what should be displayed:

Logistics

- See the API specification for more details
- I have provided a sample run of my solution as sampleRun.txt
- After you compile and execute your program capture the output, and save the output into a text file named **cscd210Lab9out.txt**.
- You will convert whatever the user types into lowercase.
- You will only allow for the words yes and no for the go again, case does not matter.
- You have a mix of reading letters and strings, be mindful of the carriage return on the input buffer. AKA the input buffer will be clean.

TO TURN IN:

A zip file that contains

- Lab9 folder
- My code in the proper package/folder
- Your code in the proper packages/folders
- cscd210Lab9out.txt

Name the zip file your last name first letter of your first name lab9.zip (Example: steinerslab9.zip)

If we can't compile your code in the packages then you will receive a 1 for the lab