Part 3

Describing your implemented function – Part 1/2

* Is\_secret\_guessed: This function takes in the two parameters secret\_word and letters\_guessed. The list letters\_guessed are then joined and compared to the secret word. If they are the same, then true is returned. If not, then false is returned. Also, in the case where there is a Type Error a message will be printed warning the player.
* Get\_current\_guess: This function takes in the two parameters secret\_word and letters\_guessed. This updates the counter that is a global variable and returns the letters\_guessed so far as a string.
* First\_game: This takes in the parameter secret word. While the count is not 0 it allows the player to enter a guess but if the player attempts to enter more than one letter it gives the player another attempt, but it must be single letter, or they cannot continue. Within the function a composite function is used to return true or false if the letters guessed match the secret word. If false and the count isn’t 0 then the player can continue to enter letters. Else the player is made aware if they have won or lost.
* Second\_game:
* Choose\_secret:
* Load\_words:
* Game\_stats:

Testing your implemented functions – Part 1

|  |  |  |  |
| --- | --- | --- | --- |
| Input | Expected output | Actual output | Pass/Fail |
| a | So far, the partially solved word is: \_\_\_\_\_\_a\_\_\_\_  You have 14 guesses left to determine what my secret word is.  Guess a letter in the word: | So far, the partially solved word is: \_\_\_\_\_\_a\_\_\_\_  You have 14 guesses left to determine what my secret word is.  Guess a letter in the word: | Pass |
| bb | You can only guess one letter at a time. Guess a letter in the word: | You can only guess one letter at a time. Guess a letter in the word: | Pass |
| C  O  P  O  R  A  T  I  O  N | You Win! The word was corporation | You Win! The word was corporation | Pass |
| Use all guesses but can’t complete word | You Lose! The word was corporation | You Lose! The word was corporation | Pass |

Testing you implemented functions- Part 2 Initial

|  |  |  |  |
| --- | --- | --- | --- |
| Input | Expected output | Actual output | Pass/Fail |
| jejunal | You Win! The word was jejunal | So far, the partially solved word is: jejunal  You have 9 guesses left to determine what my secret word is.  Guess a letter in the word: | Fail because the game never ends even when the correct word is entered until the number of guesses reach 0 |
| j | So far, the partially solved word is: j\_j\_\_\_\_  You have 14 guesses left to determine what my secret word is. | So far, the partially solved word is: j\_j\_\_\_\_  You have 14 guesses left to determine what my secret word is. | Pass |
| aa | You can only guess one letter at a time. Guess a letter in the word: | You can only guess one letter at a time. Guess a letter in the word: | Pass |
| 3 (Number of simulations) | You have played 53 games.  I can't seem to display the game statistics. | You have played 53 games.  In the past 53 games you’ve had 35 wins and 18 losses | Fail  The is an issue with the statistics being shown |
| ANJOLAADEBOWALE  (using up all guesses) | You Lose! The word was wolfish  Enter the number of simulations of hangman: | You Lose! The word was wolfish  Enter the number of simulations of hangman: | Pass |