According to the text in chapter 15, a recursive method such as the one I’ve created will tend to have a greater time complexity than that of an iterative solution. The text explains that executing a method is more complex than running basic functions, such as incrementing a variable. Though I don’t possess the reaction time to accurately measure the runtime of my program, I have observed that using a longer input string for the character-counting method causes the program’s runtime to increase markedly, though not significantly to the point of being cumbersome. This experiment therefore demonstrates the time complexity potential of a recursive algorithm.