

## Jameyh\_extra\_credit narrative

I faced some challenges with this one. What went smoothly for me was getting the return values for the data needed. I was able to set up the program to loop through the chapters (chapter content) and get out the lines, words, and characters using appropriate string and list methods and running a length on the target items and saving the results to a variable within the loop. I printed the results out in a list as in character, word, line, character, word, line, etc and I printed out separate lists to make sure my results looked right where I gathered the characters separately from the words separately from the lines. My biggest challenge was figuring out how to get out the individual nuggets of information in list and then string format. I originally used some unnecessary acrobatics to do so but I knew there was a cleaner, more standard way to do it. Eventually, I was able to understand how to build the row and see how the packeted info was erased each time through and another packet was built with that simple construction and then those packets were just appended each time to the allrows list. I then joined the sublists back together on their separator and wrote the file out to my\_totally\_new\_extra\_credit\_outfile.txt and yes, that name exists because there are so many versions.