KJC4 4CREDITS

NARRATIVE FOR DRACULA PROGRAMMING PROBLEM

I opened the Dracula file for reading and read it in using the read() method. I created two variables “chapters\_beg” and “chapter\_end” to indicate where I wanted my slicing to start and where I wanted the slicing to end. At this point, I was trying to extract the chapters alone using certain strings as indices. I then stored the sliced text in a variable “text”. I split “text” based on “\n\n\n\n\n” and stored the list in a variable “split\_text”. At this point I realized that my split operation had also split the last chapter so I concatenated the last two elements of the split \_text list(elements 26 and 27) , stored the output in element 26(split\_text[26]) and deleted element 27. I created a variable “count” and initialized it as 1. I then closed the file.

I opened the Dracula file again for reading and read in the file using the read() method. I created two new variables “ beg” and “end” to indicate where I wanted my slicing to begin and where I wanted my slicing to end. At this point what I wanted to extract was the table of contents. I stored the sliced text in a variable “table\_of\_contents”. I then split “table\_of\_contents” based on “\n” and stored the resulting list in a variable “first\_list”. I created two empty lists “second\_list” and “third\_list”. I used a for loop together with a nested if statement to loop through “first\_list” and get the elements that were not empty strings and that ended with digits . I then used a slicing operation to remove that last three characters of those elements(which were the page numbers)and I stripped the white space to the right of each of them. I then appended each element to my list “second\_list”.

I created another for loop to loop though second\_list and replace the undesired punctuations in each element of the list and format each element into an appropriate format. I then appended each element to my list “third\_list”. Next, I created a for loop and looped through each element in “split\_text”, created a filename, opened the file for writing, printed each element to the respective file and close the file. At each iteration of the loop, the count variable was incremented. Finally, I closed the Dracula file. I tested the program to see if it had performed the task correctly and it had.