Objective definition:

1. Take in a file name from the user
2. Create a function to open a file with read access
3. Get the number of files to split from the input file
4. Create function to handle writing of a single file
5. Print the name of the files
6. Print the total number of files written

Test cases:

    Sample_1.txt

Follow-up Questions:

1. How long did this project take you?
    Around 2hour.
2. Did you complete the extension?
    yes
3. What was the most difficult part of the project?
    Writing the output file based on the number of lines
4. Explain why you picked the approach you did for this project.
    This is the way I learned to solve this kind of problems
5. Explain your implementation of the write_single_file function.
    In this function, firstly, I've split the second line of the text file, which was the name of output file and opened it to write. In the third line, i've make the line num to int and run a loop so that the loop runs for that num of times and write the content in the output file and the all_lines file