Syntax and Comprehension

Below is code you should have mastered at this point. You should understand what each piece means and be able to produce it without copying and pasting from previous examples.

1. Open a file called “myfile.txt” from your computer (NOT from the web). Loop through each line of that file and print out each line.

2. Below is a piece of code I have written:

1. print “Enter a book into our system. First, enter the title: “;
2. $title = <>;
3. chomp $title;
4. print “Next, enter the author: “;
5. $author = <>;
6. chomp $author;
7. print “Do you want to enter another (Y/N)?”;
8. $another = <>;
9. chomp $another;

Put that code in a loop that will repeat until the user enters “N” in response to the last question.

3. You have an array called %students. The keys of the array are student names and the values are their scores in the class. Loop through the array and print out a table of data with the student name and score that looks like this:

Bob Smith – 90

Priya Subramaniam – 95

4. You have a comma separated file of student grades that looks like this:

Bob Smith, 90

Priya Sumbramaniam,95

Using your code from 1, open the file and loop through it. For each line, print out the student name *only* if their score is 90 or higher.

5. You have the same file described in 4. Store the data in the hash called %students where the student name is the key and the value is the score.

6. Consider the code from #2. Add a line before the current line 6 that checks that the user has actually typed in a title and author. If they left either blank (i.e. the just hit enter after the prompt without typing anything), print a message that says “You forgot to enter a title or author.”