**Problem:** Create a program that reads a file and either output to a file or calculate for a problem.

**Solution Description:** We need to change the word “is” in the ItIs.txt needs to be changed to “was” and output to a new file named ItWas.txt. We also need to calculate the volume of tubes from a given text file. This will require two methods one for changing tense and the other for calculating volume. Using the FileReader and BufferedReader, I am able to read and store information from the text files and then use FileWriter to create a new file for ItWas.txt and write the data in that file. I need to separate the words in the file by using certain delimiters/separators. The total volume is about the same except there is no FileWriter and instead calculates the volume and spits it out.

**Problems Encountered:** I didn’t experience many errors but I struggled to get the BufferedReader Working. In the end everything works and is fixed.

**4.** The relative path is based on the current location while the absolute path is from the original home location.

**5.** “./” refers to the working directory. It is a shorthand for the current working directory rather than using an absolute file path.

**6.** All files that are to be read from or printed should be placed in the project directory.

**7.** It is important to close the file, meaning use “close()” to close the bufferedreader, filereader, and/or filewriter.

**8.** Delimiters/Separators are used to separate different values or fields in a line of data.

**9.**

**10.**