**Documentation for Converting Excel Files to CSV Files:**

This Java program converts all sheets within an Excel file into CSV files. This program contains two files (Converter.java and ExcelToCSV.jar) and two folders (Input and Output). The Converter.java file contains the source code for this program. The ExcelToCSV.jar is a runnable jar file that contains the source code and all external libraries that is needed for this program. The jar file will be run using the terminal. The Input folder is where you will place all Excel files that needs to be converted into CSV files and the Output folder is where all the converted CSV files will be stored.

**Running ExcelToCSV.jar**

In order to run this file on a Mac, you will need the java JDK installed and have access to the Terminal. The java JDK can be downloaded at this link: <https://www.oracle.com/java/technologies/javase-downloads.html>.

Before we run the program, input all Excel files that needs to be converted into the Input folder.

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Open the Terminal. Use the change directory command (**cd**) to move to the folder where the files are placed. For example, my files are placed under \Users\jacksonxiao\Desktop\ExcelToCSV. When I open my Terminal, I am in \Users\jacksonxiao. You can use the **pwd** command to check your current directory. I use **cd Desktop** and **cd ExcelToCSV** to move to the folder where the files are located. The **ls** command helps confirm that I am in the right folder.

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*Navigation to correct folder using Terminal.*

Once you are in the correct folder within the Terminal, type **java -jar ExcelToCSV.jar** and press “enter” to run the jar file.

If successful, the program should print out a success message for each Excel file within the Input folder and output the converted CSV files into the Output folder.

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*Output messages after running program*

Table

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*Converted CSV files are placed in the Output folder*