**File Reader Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

You are going to create a project called FileReader. Your project will require you to import several text files.

1. Note the two text files already included in the project.

Gettysburg and Fish

2. You are going to need several imports:

**import java.io.File;**

**import java.io.FileNotFoundException;**

**import java.util.ArrayList;**

**import java.util.Scanner;**

Your project should allow the user to select a file from your library (Gettysburg, Fish, etc.) Then it should perform the following functions in this order:

1. Display the file, one word per line

2. Remove ending punctuation and display one word per line.

3. Arrange the file in lexicographical order and output it again.

3. Identify the average word length (not including ending punctuation)

4. Identify the longest word and its length (not including ending punctuation)

5. Display the alphabetized file again, removing any repeated words (one word per line)

6. Allow user to search for a word and output how many times it occurs in the file (or say it could not be found in the file) (loop until the user enters some escape statement, like “quit”)

**NOTE: None of these methods should be case sensitive**