**IT 1090C Computer Programming I   
Prof. Tom Wulf**

# Lab 12: File Away 20 Points (No Extra or Graduate options)

# Objective:

Practice reading text files and working with String data.

# Lab Goals:

Implement a java program **Lab\_12\_File\_Away** that uses the JFileChooser dialog to let the user specify a text file on the system. The program should then open and read the file line by line. The program should then print a summary report of the file to the console (screen). The summary report should contain the following:

* The name of the file the user chose to process
* Number of lines in the file
* Number of words in the file
* Number of characters in the file

# Suggested process:

Open the file after the user specifies it with JFileChooser. Read each line one at a time keeping track of how many lines you read. As you read each line, count how many words there are. (A simple way to do this is to count the number of spaces separating the words. N spaces suggests that there are N + 1 words on the line assuming no doubled spaces. You can also use the split function to return an array of the words and the length of the array is how many words there are. This works better than just counting the spaces…) Finally, as you read each line use the String length property to count how many characters are in the line and keep track of the total length of the file.

**Get a screenshot that shows the JFileChooser running.**

**Graphical user interface

Description automatically generated  
  
Get a screenshot that shows your output stats for a successful program run.**

**Text

Description automatically generated**

Submit your work:  
Rename this word doc as Lastname\_Firstname\_Lab12 File Away.docx. Submit it. Then submit either the GitHub repo link or the entire zip archive of the IntelliJ project.