# CS221 - Lab09
## Paul Haskell

## INTRODUCTION
In this <mark>in-class</mark> lab you will practice working with C strings and file I/O.

## Programs for this Lab
Your program is called **logger.c** .  The name of an input file is the only command-line argument.

This program should contain a method `readLine()` that reads a complete line of text from a `FILE*` input and returns it as a string. The `readLine()` method should ignore '\r' characters in the input but should pay attention to '\n' characters.  It should handle EOF cleanly, terminating but not discarding the line currently being read.  After EOF is read, any later calls to `readLine()` should return an empty string.

 What **logger.c** should do is to read lines of input from the input file, using `readLine()`, and print them out.  However, before each line is printed, the current time and date should be printed first, as generated by `ctime()`.  Please figure out how to get rid of the '\n' generated by `ctime()`.  For example, a line of output would look like:

> Fri Aug 16 13:05:36 2024 HERE IS MY TEXT LINE.

## CONCLUSION:
Please push the program to GitHub before the lab deadline.  The deadline for completion of Lab09 is <u>the end of class</u>.

| Task | Score, points |
|---|---|
| **logger.c** gives correct output values for each of 5 test inputs | 15 |