**Programming Assignment #3 – Command Line Arguments and File IO**

CSC 333 Fall 2016  
Due Sunday, October 23, 11:00PM

The goal of this programming assignment is to gain more experience with SML and Git. Specifically, you will be learning how to do the following in SML: (1) access command-line arguments and (2) open and read from a file. This will again be a group assignment, and only one partner needs to submit the code (**make sure that you add the second partner when you submit!**).

**Access the assignment skeleton file**

You will begin by cloning the following repository:  
/home/aclark/courses/csc333/programming-assignments/pa3/code

This repository contains one file, and the file gives a description of what you should be doing for this assignment. As you are working on your file, do not forget to use the git commands to (1) check the status of the repository and (2) commit changes to the repository.

**Programming Assignment**

You are to write a program that includes the following:

* a function for opening and reading a file,
* a val binding for the command-line arguments,
* a call to your function with the first command-line argument, and
* a val binding that can be used to print each line in the file.

The last line of code in your file should be left unchanged; it is there for making it easier to work with the SML/NJ interpreter. The skeleton file has more details. **Your program will be graded using the sml/nj interpreter (sml read\_file.sml some-file-name), so you do not need to worry about compiling your code with the MLton compiler**.

**Turning in your work**

Like the last programming assignment, you will be turning in your work on Gradescope. The autograder will not be available until Wednesday. You can submit as many times as you’d like, and you should get immediate feedback. Please make sure that only one partner submits the code, and that the submitter adds the second partner.