

COP4342 - Fall 2018
Assignment 7
Printing the Tail of the Input

Objectives: Learn how to declare and use array variables, inspect and use the ARGV array, get input from the \diamond operator, read input into an array, shift an element from the beginning of an array, use the \$#array-name last element index, and use the for control structure.

Instructions: Your assignment is write to a Perl program called tail.pl that reads lines from the diamond operator and writes the last set of lines to standard output. When invoking tail.pl, the user can optionally specify the number of lines to print in the first argument on the command line. The form will be -number, where number indicates one or more decimal digits. If the number of lines to print is not specified, then you should assume that the last ten lines are to be printed. If there are fewer lines than the number of lines to print, then you should print the entire input.

Submission: You should create a tar file formatted as 'Lastname_Firstname_Assignment7.tar' containing your tail.pl Perl program and submit the file through Canvas's 'Assignments' section **before** the beginning of class on 11/01/18. Sample command to put files in a tar file: tar -cvf yourfile.tar inputfile1 inputfile2. Sample command to extract the files from the tar file: tar -xvf yourfile.tar.