

## Assignment h3 – An Implementation of the ls command.

**This assignment will be due at 11:59 PM EST on February 18.**

In this assignment, you will be implementing a somewhat limited version of the ls command in Linux

You will need to read the man pages for the following

- opendir
- readdir
- closedir

You will also need to read about the dirent.h header file, the passwd struct, and the group struct, and a refresher on the stat struct wouldn't hurt. Also be familiar with what a typedef and a define statement is in C.

You should also be familiar with what a Makefile is. The code has been split into three separate source files and these will all combine into one executable upon compilation.

The instructions on how to do this problem will be in the comments of the source code.

A working program will be in the test directory, so you can check your output against the output of the test program.

This program will be worth 15 points. No points will be awarded if this program does not compile. There is an opportunity for bonus in this assignment. Details are in the README file.

Check out h3 using `handin` on the CS server and submit when done.