CSE 374 Lecture 5

Scripting Continued

Exit Codes

Command 'exit' exits a shell, and ends a shell-script program.

Exit with no error:

Use `exit` or `exit 0`

Exit with error:

User `exit 1` or.. {1-255}

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Scripting Style Guide

Scripts should generally be <200 lines

Always use spaces, not tabs (indent line with two spaces)

Comment code with '#'

https://google.github.io/styleguide/shell.xml

Some useful utilities

Use `man -k` (or `apropos`): find commands with subject search

Use `find`: location a file on a computer (`locate`: locate a file in the directory database)

Use `!?phrase`: execute the last command containing phrase

Use `^typo^correct`: correct a typo in the last command

Use `diff f1 f2`: find lines that are different in f2 than in f1 (or `sdiff`)

Up next: Regular expressions

Regular expressions: string of symbols and characters used for pattern matching