

CSC412 [SSH: 131.128.138.219] - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

EXPLORER

OPEN EDITORS

CSC412 [SSH: 131.128.138.219]

Labs

Lab1

scriptVersion1.sh

scriptVersion2.sh

scriptVersion3.sh

scriptVersion4A.sh

sumProg.c

Projects

README.md

What this Assignment is About

Part I: Setup the Environment

Part II: Simple Linux Walkthrough

Part III: A Little C program

Part IV: a first simple bash script

What to submit

Show All Commands

Ctrl + Shift + P

Go to File

Ctrl + P

Find in Files

Ctrl + Shift + F

Start Debugging

F5

Toggle Terminal

Ctrl + `

PROBLEMS

TERMINAL

1: bash

aidan@aidan412devserver:~/CSC412/Labs/Lab1\$ pwd

/home/aidan/CSC412/Labs/Lab1

aidan@aidan412devserver:~/CSC412/Labs/Lab1\$

OUTLINE

SSH: 131.128.138.219

master*

0 0 0

prog01.pdf - Mozilla Firefox

https://sakai.uri.edu/access/content/attachi

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What this Assignment is About

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Part II: Simple Linux Walkthrough

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What to submit

3 Part II: Simple Linux Walkthrough

This part of the assignment will consist in a leisurely walk through some common and useful Linux commands, documented by screenshots that you will take as you complete each step.

3.1 Printing the documentation

You can printout the documentation of any Unix command by typing `man` (for *manual*) followed by the name of the command. For example, `man cd` will print out documentation about the `cd` (for *change directory*) command, which lets you navigate the folder hierarchy on your system.

You can also search for command names by typing `man -k` followed by a keyword for the search. Obviously, if you put a completely generic keyword such as `file` you will get a ridiculously long list of commands.

3.2 Create a working directory

If you have moved away from your home folder, you can return there by executing the `cd` command with no parameter. Create a new folder using the `mkdir` command. Move to that folder and printout the path this (current) working directory by using the `pwd` command.

¹No, I won't give hand-holding directions for every single subtask of this assignment. You are computer scientists and you have to be able to follow use online documentation to complete some tasks assigned to you. If you don't know already how to do that, this assignment is a good a opportunity to start learning how to do it.

CSC 412 – Operating Systems, Programming Assignment 01

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Step 2. Take a screenshot of the terminal after you executed the `pwd` command. Name the screenshot file `step2.pdf` (of course, convert the file to pdf if this is not the native format for screenshots on your system).

Print out again the path to the current working directory, but instead of getting the output in the console, *redirect* it to a file using the `>` operator: `pwd > path.txt`. You can view the content of the file either by typing `pr path.txt` or more `path.txt` (look at the man pages to see the differences between these two commands).

Step 3. Take a screenshot of the terminal showing the content of the `path.txt` file after you executed the commands listed in this subsection. Name the screenshot file `step3.pdf` (of course, convert the file to pdf if this is not the native format for screenshots on your system).

Menu

Firefox

VS Code

Terminal

SSH

91%