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CTS-120-841-Lab Module 3

* In this lab you will enter different Linux commands and answer questions about the results.
* Include a screen print of **just the area of the screen with the desired result** (not the whole screen) in the table cell below the question, unless otherwise instructed.
  + *Reminder: Use the* ***Shift-Ctrl-Prtscr shortcut*** *& select just the area that you want.*
* The lab is worth a total of 10 points – some questions have multiple sections
* Save the lab as a PDF, naming it:
* **FirstName\_Lastname-Module#-Lab.pdf**

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You need to make the directory & files that you will be working on, so cut and paste the following lines into a terminal open to your home directory on your VM.

mkdir mod3

cd mod3

touch 134abcde.txt

touch 23456789.txt

touch 33456789

touch 43456789.doc

touch 53456789.prg

touch 63456789.tst

touch 734ABCDE.txt

touch ABCDEFGHI2.txt

touch bbcdefghij.txt

touch CBCREFGHIJ.txt

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| 1. In the mod3 directory that the script above just made, using only one command, create two more directories called sub1 & sub2.  * Show me the ONE command you used. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| 1. Copy just the files with the txt extension from mod3 to sub1.  * Show me the command you used & a screen-shot of the directory listing showing me the files in sub1 | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| 1. Move the files that start with digits (regardless of the extension) to sub2.  * Show me the command you used & a screen-shot of the directory listing showing me the files in sub2 | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| 1. Create a symbolic link called ***mysymlink*** in your home directory to the file **CBCREFGHIJ.txt** wherever it is.  * Show me the command & a screen-shot of the directory listing that shows the symbolic link. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| 1. Remove the file 43456789.doc  * Show me the command & a screen-shot of the directory listing that shows the file missing. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| 1. Sometimes if an executable command shows up in multiple places, you need to know which one it is executing. Use the command that shows from where the command **mkdir** will be executed.  * Show me the command & a screen-shot of the results. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| 1. Create an alias for the ls command that is not used for anything else. Have the alias run ls –lat.  * Show me the command and a screen-shot showing the command and the first few lines of the result. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| 1. There are 2 things that the **touch** command can do. One is if the file exists, and it does something else if a filename argument is that of a nonexistent file. You used one of these to start this lab.  * Describe the two, and show me a screen-shot as evidence of both. | | 2 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |

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| 1. Find all the files “the easy way” with a **txt** extension in your mod3 directory from your home dir..  * Show me the command & a screen-shot of the results. | | 1 Pt |
| **Command:** | Click here to enter the answer to the question . | |
| **Screenprint**: | Click here to paste Screen print | |