

Linux 1
CPTR 2224
Lab 02

- Contact your instructor with your questions about the assignments.
- The student must insure all the answers are free from any malware.
- The student must insure all answers are legal as defined by the class syllabus.
- All parts of your answers must be neat and easy to read.
- Paragraphs are at least four properly constructed English sentences.
- Embedding documents within documents does not work with the D2L Bright Space assignments.
- Plagiarism will not be tolerated.
- Unless noted, all lab sections must be done as unprivileged login.

Lab 02: Command Line 1

- 2.1. Upload each section answer to the D2L Bright Space Assignment section 2.1 before the due date found in the 2224a.pdf document. The file must show your login name and all entered commands. Submit Windows or UNIX text files with the appropriate Windows extension.
 - 2.1.1. Use the script command line program to create **lab021.txt** file. While the script command is running, run the programs *hostname*, and *fortune*. In the file **lab021.txt**, identify the commands *hostname*, and *fortune*. Upload the file **lab021.txt**. [5 points]
 - 2.1.2. Use the putty logging feature in 'All session output' to create **lab022.txt** file. While the logging is running, run the programs *hostname*, and *fortune*. In the file **lab022.txt**, identify the commands *hostname*, and *fortune* as best as you are able. Upload the file **lab022.txt**. [4 points]
 - 2.1.3. Use the putty logging feature in 'SSH packets and raw data' to create **lab023.txt** file. While the logging is running, run the programs *hostname*, and *fortune*. In the file **lab023.txt**, identify the commands *hostname*, and *fortune* as best as you are able. Upload the file **lab023.txt**. [5 points]
 - 2.1.4. Use the putty logging feature in 'SSH packets' to create **lab024.txt** file. While the logging is running, run the programs *hostname*, and *fortune*. In the file **lab024.txt**, identify the commands *hostname*, and *fortune* as best as you are able. Upload the file **lab024.txt**. [5 points]
 - 2.1.5. Use the putty logging feature in 'Printable output' to create **lab025.txt** file. While the logging is running, run the programs *hostname*, and *fortune*. In the file **lab025.txt**, identify the commands *hostname*, and *fortune*. Upload the file **lab025.txt**. [5 points]
 - 2.1.6. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]
- 2.2. Upload each section answer to the D2L Bright Space Assignment section 2.2 before the due date found in the 2224a.pdf document. Use the **script** command or a **putty log file (printable output only)** to create the file. The file must be human readable text only and must show your login name and all entered commands. Submit a Windows or UNIX text file with the appropriate Windows extension.
 - 2.2.1. Provide a directory listing for your home directory. Please label your answer. [4 points]
 - 2.2.2. Provide a long directory listing for your home directory. Please label your answer. [5 points]
 - 2.2.3. Provide a long directory listing for your home directory showing hidden files. Please label your answer. [5 points]
 - 2.2.4. Provide a recursive directory listing for your home directory. Please label your answer. [5 points]
 - 2.2.5. A least one result from running the fortune program. Please label your answer. [5 points]
 - 2.2.6. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]
- 2.3. Upload each section answer to the D2L Bright Space Assignment section 2.3 before the due date found in the 2224a.pdf document. Use the **script** command or a **putty log file (printable output only)** to create the file. Your answers must appear in your answer in the same order as the lab. The file must be human readable text only and must show your login name and all entered commands. Submit a Windows or UNIX text file with the appropriate Windows extension.
 - 2.3.1. Provide a directory listing for your home directory. Please Label your answer. [4 points]
 - 2.3.2. Provide a recursive long directory listing for your home directory. Please label your answer. [4 points]
 - 2.3.3. Provide a directory listing of the root (/) directory. Please label your answer. [4 points]
 - 2.3.4. Provide a long directory listing of the root (/) directory. Please label your answer. [4 points]
 - 2.3.5. Provide a long directory listing of the root (/) directory showing hidden files. Please label your answer. [4 points]
 - 2.3.6. Show the result of running the fortune program. Please label your answer. [3 points]
 - 2.3.7. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]

- 2.4. Each part is worth two and half points for a maximum of twenty-five points. Upload each section answer to the D2L Bright Space Assignment section 2.4 before the due date found in the 2224a.pdf document. Use the **script** command or a **putty log file (printable output only)** to create the file. Your answers must appear in your answer in the same order as the lab. The file must be human readable text only and must show your login name and all entered commands. Submit a Windows or UNIX text file with the appropriate Windows extension.
- 2.4.1. Show the present working directory. Please label your answer. [2 points]
 - 2.4.2. Change the default directory to /etc and show the present working directory. Please label your answer. [3 points]
 - 2.4.3. A directory listing of the present directory showing only files that end in "f" . Please label your answer. [3 points]
 - 2.4.4. A long directory listing of the present directory showing only files that end in "f" . Please label your answer. [2 points]
 - 2.4.5. Change the default directory to the root (/) directory and show the present working directory. Please label your answer. [3 points]
 - 2.4.6. A non-recursive directory listing of the present directory showing only files that end in "f" . Please label your answer. [3 points]
 - 2.4.7. Change the default directory to your home directory and show the present working directory. Please label your answer. [3 points]
 - 2.4.8. A recursive directory listing of the present directory showing only files that end in "f" . Please label your answer. [3 points]
 - 2.4.9. Show the result of running the fortune program. Please label your answer. [2 points]
 - 2.4.10. Identify if an AI type program was used to complete this lab section. If an AI program is used, identify the AI system used. [1 point]