Southern New Hampshire University

IT 255 Milestone Two Guidelines and Rubric

Overview: In this milestone, you will demonstrate your ability to create a basic script in Linux. Review the Final Project Guidelines and Rubric document to see how this milestone will prepare you for the scripting portion of the project. You will perform this milestone in Codio in the unit called "Milestone 2: Scripting." You will create this script with the vi editor. The script will combine multiple commands and simplify a repeatable task. Your script should be named "Milestone2_[your initials].bash." When you complete this milestone, you will download a copy of your script and upload it to Brightspace. Refer to the Codio instruction set for information on how to download your history log file.

Prompt: Your script and your Linux directory structure should demonstrate that you have correctly written the script to accomplish the critical elements below.

Specifically, the following **critical elements** must be addressed:

I.   **Create a File**: Demonstrate your ability to utilize a Linux command to create a text file. Create this file in the workspace directory:
     a.   A text file showing the current month, day, and time (Title this file Time_File.txt.)

II. **Create a Directory**: In this section of your project, you will demonstrate your ability to execute Linux commands to organize the Linux directory structure.
     a.   In the workspace directory, create a new directory titled COPY.

III. **Modify and Move**: Demonstrate your ability to utilize Linux commands to copy a file to a different directory and rename it.
     a.   Copy the Time_File.txt file from the workspace directory to the COPY directory.
     b.   Append the word COPY to the file name.

IV. **Execute the Script**: Complete and execute the newly created script.

Rubric

Guidelines for Submission: Confirm the success of your script, and then download and submit it.

Critical Elements	Proficient (100%)	Needs Improvement (70%)	Not Evident (0%)	Value
Create a File	A file was created showing the current month, day, and time	A file was created, but it does not show the current month, day, and time	A file was not created	20

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Create a Directory	A directory titled "COPY" was created in the workspace directory	A directory titled "COPY" was created, but it was not created in the workspace directory	A directory was not created	20
Modify and Move	Moved the file from the workspace directory to the "COPY" directory and appended the word "COPY" to the file name	Moved and modified files, but the task execution is incomplete or inaccurate	Did not move or modify files	20
Execute the Script	Completes and executes the script, and script execution is successful	Completes the script, but execution has errors or is unsuccessful	Did not complete or execute the script	40
			Total	100%