Linux Quiz – Topic 1

Topic: Create, View, and Edit Text Files – Redirection (> and >>)

Instructions

Closed book. Do not use notes. Write the exact command when required.

Part A – Multiple Choice

1. Which command is used to create an empty text file?
A) mkdir file.txt B) touch file.txt C) cat file.txt D) nano file.txt
2. Which command displays the contents of a text file?
A) ls B) pwd C) cat D) rm
3. What does the following command do?
echo "Hello" > file.txt
A) Appends text B) Deletes file C) Overwrites file D) Prints only
4. Which symbol appends text to an existing file?
A) > B) >> C) < D) |

Part B – True / False

5. The > symbol overwrites the contents of a file.
6. The >> symbol adds text to the end of a file.
7. The cat command can be used to view a text file.
8. The nano command is only used to view files.

Part C – Short Answer

9. Write the command used to edit a text file in the terminal.

10. Explain the difference between > and >>.

Part D – Practical Commands

11. Create a file called notes.txt.

12. Write the text "Linux is fun" into notes.txt (overwrite).

13. Append the text "I am learning Linux" to notes.txt.

14. Display the contents of notes.txt.

Part E – Challenge

15. What will be the contents of file.txt after running the following commands?
echo "Line 1" > file.txt
echo "Line 2" >> file.txt
echo "Line 3" > file.txt