

Junior Technician (CSE), Date – 21/11/2023

Instructions

Save the screenshots of each of the commands and their outputs as power point slides, and submit the slide deck as <your_application_number>.ppt on Desktop.

PART-A1

1. Download Apache Web Browser, install it in your system. Display your name in the index page.
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PART-A2 (Assume Linux Environment)

2. Run the UNIX commands to display the following on command prompt
 - a. Listing all the files in a directory
 - b. Show the present working directory
 - c. Change the directory
 - d. Recursively find the files in a directory having a specific file name pattern (case insensitive)
 - e. Recursively show all the files in a directory having a specific content pattern
 - f. Show all the current running processes
 - g. Kill a specific process
 - h. Write a shell script (test.sh) to show all the text files present in a given dictionary (take input argument).
3. Create a directory named Backup with read, write and execute permissions to user and groups, however others should only have permission to read and execute. The same permissions should be applicable for all the sub-directories too.
4. Delete a directory and its sub-directories through a single command.

PART-B (Assume Linux Environment)

5. Show the network statistics as a human readable format.
6. Enable and disable Ethernet.
7. Create a user as a sudo user.

PART-C

8. Create a Cat6 Patch-card (straight through) by crimping.
9. Identify the network components.

PART-D (On Windows OS)

10. Run the following excel commands on the given Excel sheet.
 - a. Average of numbers in one column
 - b. Sort the sheet in alphanumeric way
 - c. VLOOKUP from another sheet