

Linux Shell Scripting

Assignment 04

Questions

What are the three different types of Redirections and the numbers associated?
 Is it possible to redirect a command output to the screen and to a file simultaneously?
 Is it possible to run multiple commands and redirect the output to a file?
 What is error redirection?
 How to Redirect the standard output from one terminal to another terminal?

Findings

Run the following commands and document your findings

rm -rf rm -ri !!	date -u cal -A 1 2021 cal 12 2021	
date cut –delimiter “ ” –fields 1 date cut –delimiter “ ” –fields 3	echo “Hello world” > newfile.txt rm -i *	
cat /etc/passwd head -5	cat /etc/passwd tail -5 head -1	
less /etc/passwd	more /etc/passwd	
cat -n /etc/passwd head -15 tail -10 tail -5 head -3 tail -1 > file1.txt		
Create a file with some data and execute the following commands on the file		
sort <filename>	sort -r <filename>	sort <filename> tac

System Run Levels

There are different run levels in Linux Operating System. In total there are six run levels

Run Level	Meaning	Command
0	Shut Down	sudo init 0
1	Single User mode	sudo init 1

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2	Multi User No NW	sudo init 2
3	Multi User with NW	sudo init 3
4		
5	Multi User with NW and GUI	sudo init 5
6	Restart the server	sudo init 6

What is RunLevel 4?

What is the command to find in which run level your Linux Operating system is currently in?