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**Lab 4 Linux Administration**

1. List the user commands and redirect the output to /tmp/commands.list

A screenshot of a computer screen

Description automatically generated

1. Count the number of user commands

A computer screen with green text

Description automatically generated

1. Get all the users names whose first character in their login is ‘g’

A computer screen with green text

Description automatically generated

A black background with green text

Description automatically generated

1. Get the logins name and full names (comment) of logins starts with “g”.

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Description automatically generated

1. Save the output of the last command sorted by their full names in a file.



1. Write two commands: first: to search for all files on the system that named .bash\_profile. Second: sorts the output of ls command on / recursively, Saving their output and error in 2 different files and sending them to the background.

A computer screen with green text

Description automatically generated

A computer screen with green text

Description automatically generated

1. Display the number of users who is logged now to the system.

A screen shot of a computer

Description automatically generated

1. Display lines 7 to line 10 of /etc/passwd file

A screen shot of a computer

Description automatically generated

9. What happens if you execute:

* cat filename1 | cat filename2

Only the second cat command will execute

A screen shot of a computer

Description automatically generated

* ls | rm

Only the second command “rm” will execute

A black background with green text

Description automatically generated

* ls /etc/passwd | wc –l

ls command executes but doesn’t show an output, instead that output is sent through a pipeline to the second command which displayed the number of lines of the previous output

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Description automatically generated

1. Issue the command sleep 100.

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Description automatically generated

1. Stop the last command.

A black background with green text

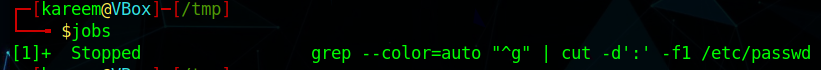
Description automatically generated

1. Resume the last command in the background

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Description automatically generated

1. Issue the jobs command and see its output.



1. Send the sleep command to the foreground and send it again to the background.

A computer screen shot of text

Description automatically generated

1. Kill the sleep command.

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Description automatically generated

1. Display your processes only

A screen shot of a computer

Description automatically generated

1. Display all processes except yours

A screen shot of a computer

Description automatically generated

1. Use the pgrep command to list your processes only

A screen shot of a computer

Description automatically generated

1. Kill your processes only.

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Description automatically generated