**Experiment – 1**

**Objective:** To explore basic Linux commands.

**Software used:** zsh terminal

**Theory:**

1. man: It is used to display the user manual of any command

Syntax: man <command>



Text

Description automatically generated

1. echo: It is used to display line of text/string that are passed into the

argument.

Syntax: echo <string to be displayed>



1. help: it is used to display information about the command from the shell’s documents.

Syntax: run-help <command> or <command> --help



Text

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1. clear: it is used to clear the terminal screen

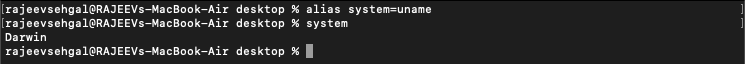
Syntax: clear

Text

Description automatically generated

1. alias: it is used to create custom shortcuts to represent commands.

Syntax: alias <aliasName>=<command>



1. uname: it is used to display the basic information about the operating system name

and system hardware.

Syntax: uname <options>



1. who: it is used to display a list of users, who are currently logged into the system.

Syntax: who



1. whoami: it is used to display the username of the current user when the command is

invoked.

Syntax: whoami



1. pwd: it is used to display the current working directory.

Syntax: pwd



1. history: it is used to display a list of commands that have been recently used.

Syntax: history

Text

Description automatically generated

1. cat: it is used to create single or multiple files, view content of file/s, concatenate files

and redirect output in terminal or files.

Syntax: cat > filename (To create a new file)

cat filename (To open a file)

cat >> filename (To append the content of a file)

cat file1>file2 (To copy content of file 1 into file 2)

Text

Description automatically generated

**Result:** Successfully executed basic Linux commands.

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