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#### **NETWORKING & SYSTEM ADMINISTRATION LAB**

Name: ALLEN S PHILIP

Roll No: 20

Batch: RMCA- A

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# **Experiment No.: 6**

# <u>Aim</u>

Learn Basic Linux commands

### **Procedure**

#### 1. read

Read command is used to read a value from user to store to a variable. Syntax:~\$ read <variable\_name>

#### 2. echo

Used to print or display value of a variable Syntax:~\$ echo [option] "" or echo [option] \$<variable\_name> Options- -n, -E, -e,

#### 3. <u>du</u>

Used to display the disk usage of a file or directory. Syntax:~\$ du [option] <file\_name>/<folder\_name> Option- -a, -c,

#### 4. find

Used to search files
Syntax:~\$ find <file\_name>

#### 5. sudo

It stands for Super User. It provides commands administrator power Syntax:~\$ sudo <command> [option]

#### 6. useradd

Used to add a new user.

Syntax:~\$ sudo useradd <user\_name>

#### 7. usermod

Used to modify the user id.

Syntax:~\$ sudo usermod [option] <new\_id> <user\_name>

#### 8. userdel

Used to delete a user Syntax:~\$ del [option]

# 9. passwd

Used to set a password to newly created user or modify the password of an existing user

Syntax:~\$ sudo passwd <user\_name>

### 10. <u>id</u>

Used to print the current user details.

Syntax:~\$ id

#### 11. <u>su</u>

Used to acess root. Su user\_name to switch user Syntax:~\$ su <user\_name>

#### 12. <u>tar</u>

Used to create archive, unpack and display content in an archive Syntax:~\$ tar [option] <archive\_name> <name\_of\_files\_to\_be\_added\_or\_\*\_to\_add\_all> Options- -cvf, -xvf, -tvf

#### **13.** grep

Used to search a certain pattern in a file.

Syntax:~\$ grep [option] <pattern> <file\_name>

Options--v, -i

## 14. <u>Expr</u>

Used to evaluate an expression.

Syntax:~\$ expr <operand\_1> <operator> <operand\_2> Operator- +, -, \\*, /

#### **Output**











