NETWORKING & SYSTEM ADMINISTRATION LAB

Experiment No.: 8

Name: DONA M THOMAS

Roll No: 49

Batch: MCA -A

Date: 22/04/2022

Aim

a) Acquire knowledge about locations of various system and configuration files listed above

Procedure

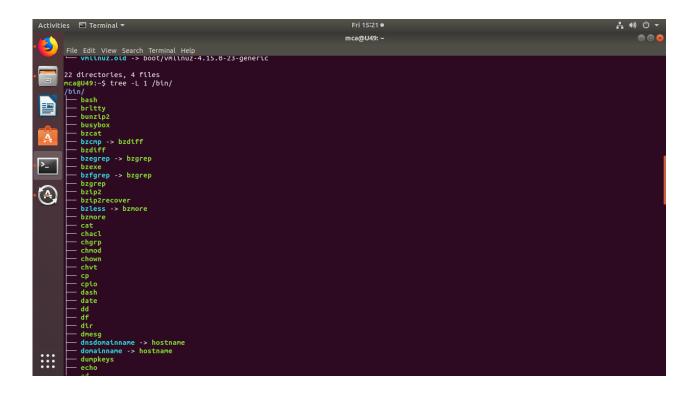
1. / - The Root Directory

Everything on your Linux system is located under the / directory, known as the root directory.

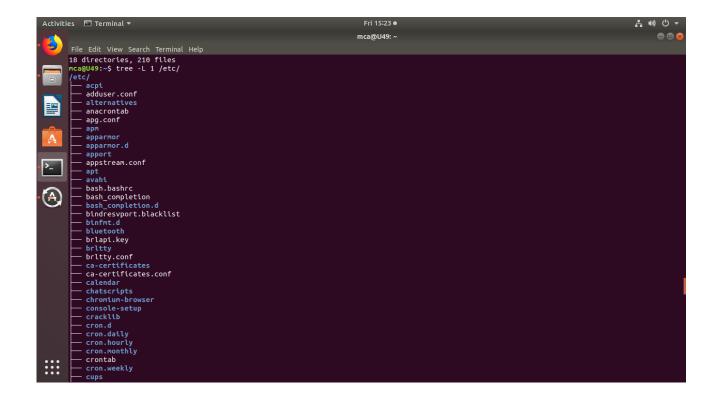
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Activities Terminal **

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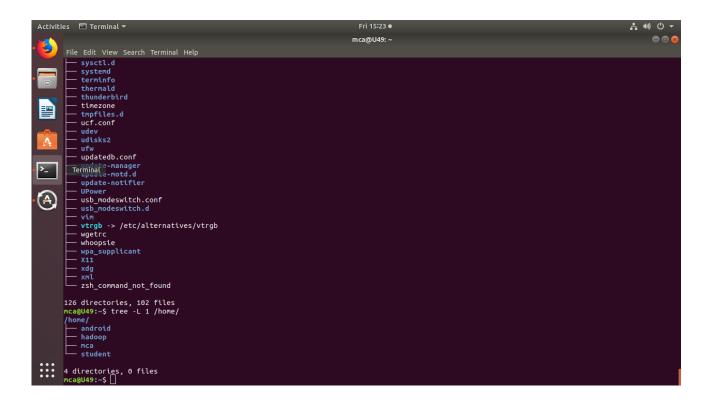
2. /bin – binary or executable programs.



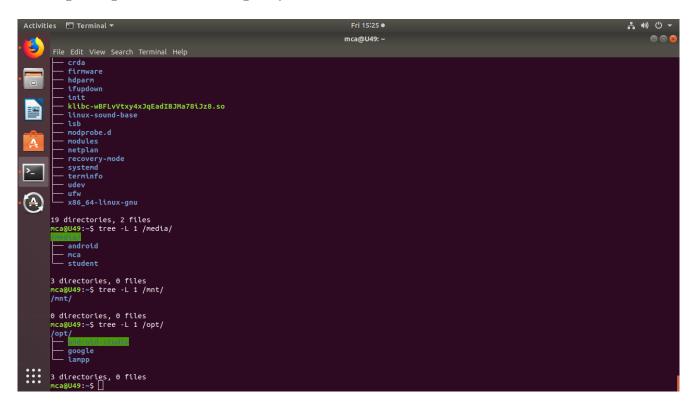
3. /etc – system configuration files.



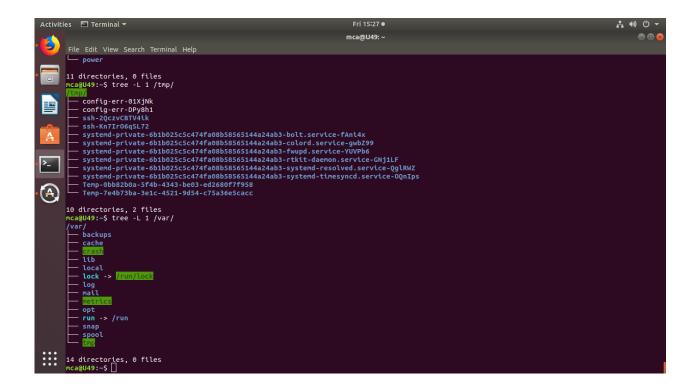
4. /home – home directory. It is the default current directory.



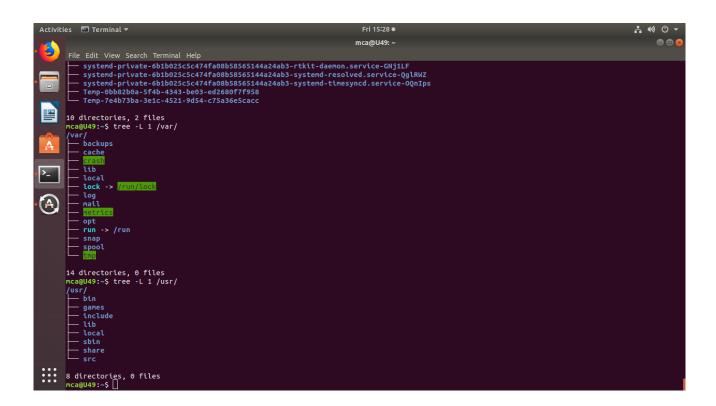
5. /opt – optional or third-party software.



6. /tmp – temporary space, typically cleared on reboot.



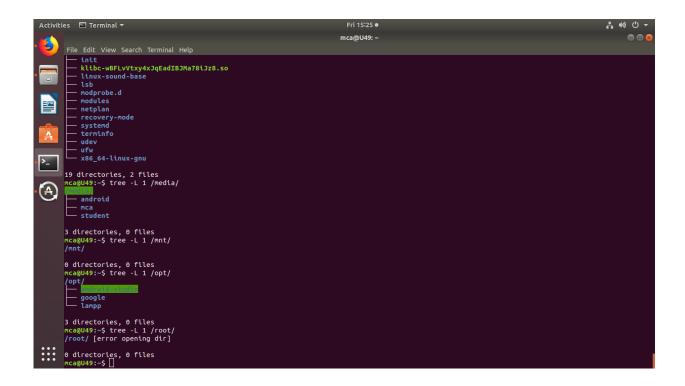
7. /usr – User related programs.



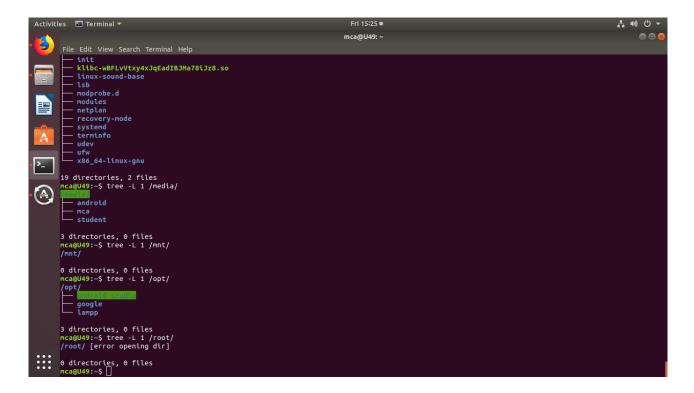
8. /var - log files.

9. /sbin – binary executable programs for an administrator.

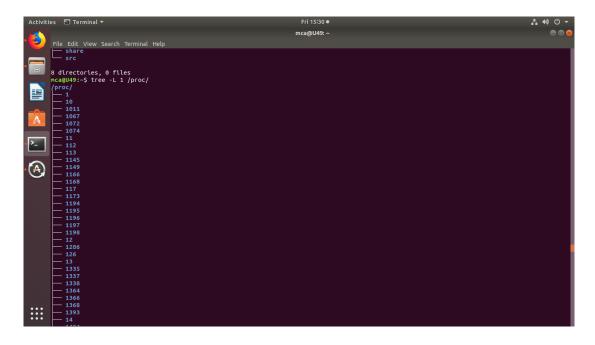
10./media – It contains subdirectories where removal media devices inserted.



11./mnt – It contains temporary mount directories for mounting the file system.



12./proc – It is a virtual and pseudo-file system to contains info about the running processes with a specific process ID or PID.



13./srv – It contains server-specific and server-related files.

```
Activities Terminal * Fi15527*

mca@U49:-

File Edit View Search Terminal Help

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14./sys – It is a virtual filesystem for modern Linux distributions to store and allows modification of the devices connected to the system.

```
Activities Terminal **

Fri 15:27 *

mca@U49:-5

File Edit View Search Terminal Help

of directories, 170 files

nca@U49:-5 tree -L 1 /srv/

srv/

of directories, 0 files

nca@U49:-5 tree -L 1 /sys/

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11 directories, 0 files

nca@U49:-5 tree -L 1 /tmp/

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kernel

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power

11 directories, 0 files

nca@U49:-5 tree -L 1 /tmp/

importsor

kernel

nodule

power

12 directories, 0 files

nca@U49:-5 tree -L 1 /tmp/

importsor

kernel

nodule

power

13 directories, 0 files

nca@U49:-5 tree -L 1 /tmp/

importsor

kernel

nodule

power

14 directories, 0 files

nca@U49:-5 tree -L 1 /tmp/

importsor

special directories, 0 files

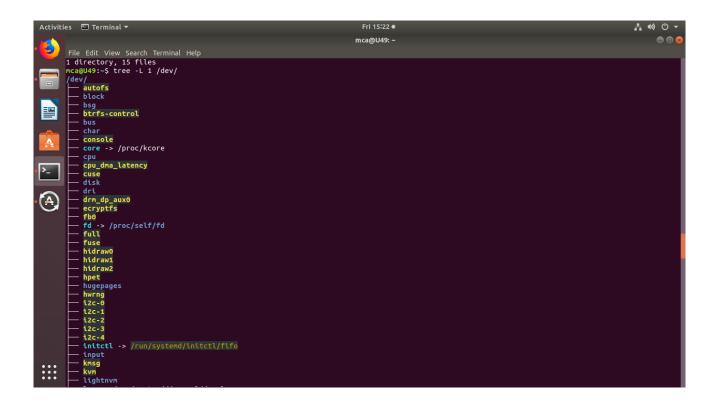
nca@U49:-5 tree -L 1 /tmp/

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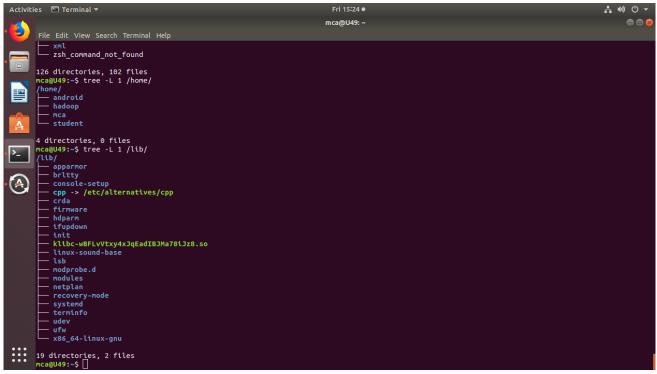
importsor
```

15. /boot- It contains all the boot-related information files and folders such as conf, grub, etc.

16./dev – It is the location of the device files such as dev/sda1, dev/sda2, etc.



17./lib – It contains kernel modules and a shared library.



Amal Jyothi College of Engineering, Kanjirappally