Project documentation

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1. Linux is Mainly used in servers. About 90% of the internet is powered by Linux servers. This is because Linux is fast, secure, and free! The main problem of using Windows servers are their cost. This is solved by using Linux servers. The OS that runs in about 80% of the smartphones in the world, Android, is also made from the Linux kernel. Most of the viruses in the world run on Windows, but not on Linux. There is no need for any antivirus software in linux.

Main commands used are:

a)ls lists all files

b)cd command directory

c)mkdir makes a directory

d)rmdir deletes a directory(only empty)

e)rm-r deletes the files and folder

f)touch makes a new file

g)locate finds the location of a unkown file

h)cp copy a file from one to another

i)pwd path

j)cd – used to go to previous directory

k)mv move file from one to another directory

1. The commands used were touch to create the two files in the given command before which the sub folders can be created using mkdir. Also mv can be used to move the file from one place to another. Also we can use rm dir to delete the the subfolder
2. Sudo command :

Helps us to do something with root permissions only the sudo command can be used. The required

1. lsusb and lsscsi can be used for applications be then installed with the help of sudo apt get command. Where we mention the application that needs to be installed. hardware info also hwinfo can be used. Pactl for sound monitoring. Keyboard interruption is done using “ctrl+\”. Youtube-dl is used to download videos from youtube along with the link specified. The tcp ip networks related commands like “hostname-I” (ip address) and “ifconfig”.
2. Bashscript is basically used to execute a series of commands altogether from one file rather than doing it separately command by command.

Bashscript is started using #!/bin/bash that gives the location. A bash script must always begin with #!/bin/bash to signify that the script should run with bash as opposed to any other shell. This is called a "shebang” and chmod is used to change the accesses permission. Then its run using ./filename command