Linux Commands Handout:

`$mkdir dir_name`

- Creates a directory with the name dir_name

`$cd dir_name`

- Change the current directory to dir_name

`$ cd ..`

- Move to previous directory

`$ls`

- List the files
- ls –a -> list hidden files as well
- ls –l -> list files with properties

`$ps`

- displays the status of current running processes.
- ps –a -> lists hidden processes.
- ps pid - > shows info about a process with pid
- ps ux -> all the processes of user

`$kill`

- used to kill a process

`$top`

-lists all system+user processes .

`$sudo`

- Runs a command with Super User privileges

`$sudo apt-get install package_name`

- Used to install package_name

```
$sudo apt-get remove package_name
```

- Used to remove package_name

```
$sudo apt-get install lshw
```

- Installs Linux System Hardware configurations display

```
$lshw
```

- Lists all System Configurations

```
$lscpu
```

- Lists information about CPU

```
$lsusb
```

- Lists info about USB devices of system

```
$df
```

- Disk space usage information
- ```df -h``` -> displays in human readable format(GB,MB etc.)

```
$free
```

- Memory usage statistics
- free –h -> displays in human readable format(GB,MB etc.)

```
$man command
```

- displays manual page of command.

Files:

```
$cat filename
```
- displays the content of file filename

```
$cat >filename
```

- Reads the input from user and stores it in filename.

```
$echo str
```

- Echoes str on the console.

```
$gedit filename
```

- Opens file in Graphical Editor.
- If the file doesn't exist, it will create.

```
$nano filename
```

- Opens file in nano Editor.
- If the file doesn't exist, it will create.

```
$vi/vim filename
```

- Opens file in vi/vim Editor.
- If the file doesn't exist, it will create.

```
$touch filename
```

- Updates the time stamp of the file.

```
$rm filename
```

- Removes the file
- rm –r dirname -> removes the directory

```
$cp src dest
```

- copies the src file to dst file

```
$mv src dest
```

- Moves/Renames the file from src to dest