

1 . To implement Linux Commands

1. sudo

Sudo stands for SuperUser DO and is used to access restricted files and operations. By default, Linux restricts access to certain parts of the system preventing sensitive files from being compromised.

```
raj@raj-MS-7B84:~/Desktop$ sudo -V
Sudo version 1.8.31
Sudoers policy plugin version 1.8.31
Sudoers file grammar version 46
Sudoers I/O plugin version 1.8.31
```

2. Apt-get

Apt is a command-line package management utility for Ubuntu and Debian Linux. Apt is used to install, remove, update and upgrade Debian packages from the command line in Ubuntu and Debian systems.

```
raj@raj-MS-7B84:~/Desktop$ apt
apt 2.0.4 (amd64)
Usage: apt [options] command
```

3. Ls

The ls command is used to list files or directories in Linux and other Unixbased operating systems.

```
raj@raj-MS-7B84:~$ ls
Desktop  Downloads  Pictures  raj2.txt  Templates
Documents Music      Public   raj.txt   Videos
```

4. Cd

cd command in linux known as change directory command. It is used to change current working directory.

```
raj@raj-MS-7B84:~/Desktop$ cd
raj@raj-MS-7B84:~$ cd Downloads
raj@raj-MS-7B84:~/Downloads$ pwd
/home/raj/Downloads
```

5. Pwd

The pwd command writes to standard output the full path name of your current directory (from the root directory).

```
raj@raj-MS-7B84:~/Downloads$ pwd
/home/raj/Downloads
```

6. Cp

The cp command is used for copying files from one location to another.

```
reeve@ReeveG:~$ ls
8.expt  Documents  expt2  Music  Public  reeve3.txt  reeveg.txt  reeve.txt  Templates  xaa
Desktop Downloads  file.tar  Pictures  reeve2.sh  reeve4.sh  reeve.sh  snap  Videos
reeve@ReeveG:~$ cp reeve3.txt reeveg.txt
reeve@ReeveG:~$
```

7. Mv

It stands for move. mv is used to move one or more files or directories from one place to another in a file system like UNIX

```
raj@raj-MS-7B84:~$ Mv raj.txt Downloads
Mv: command not found
raj@raj-MS-7B84:~$ mv raj.txt Downloads
raj@raj-MS-7B84:~$ cd Downloads
raj@raj-MS-7B84:~/Downloads$ ls
raj2.txt  raj.txt  'TEITB_35_Reeve_DevOps_EXPT1(1).pdf'
```

8. Rm

It is used to remove objects such as files, directories, symbolic links

```
reeve@ReeveG:~/Downloads$ ls
cn2.2.tcl  cn2.3.tcl  cn2.4.tcl  reevetxt
reeve@ReeveG:~/Downloads$ rm cn2.3.tcl
reeve@ReeveG:~/Downloads$
```

9. Mkdir

mkdir command in Linux allows the user to create directories (also referred to as folders in some operating systems).

```
raj@raj-MS-7B84:~/Downloads$ mkdir --version
mkdir (GNU coreutils) 8.30
Copyright (C) 2018 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.
```

10. History

history command is used to view the previously executed command. This feature was not available in the Bourne shell.

```
raj@raj-MS-7B84:~/Downloads$ history
1  cal 2022
2  date
3  ps
4  time date
5  bc
6  history
7  man
8  who
9  whoami
10 kill
11 ls
12 pwd
13 cd Documents
14 cat exp2
15 cp --help
16 ls -lh
17 ls -ltr
```

and so on from the file system like UNIX.

11. Df

It is used to display information related to file systems about total space and available space.

```
raj@raj-MS-7B84:~/Downloads$ df
Filesystem      1K-blocks    Used Available Use% Mounted on
udev            4009732         0   4009732  0% /dev
tmpfs           808528         1904   806624  1% /run
/dev/sdb5       454379936 10843228 420385708 3% /
tmpfs           4042632         0   4042632  0% /dev/shm
tmpfs           5120           4     5116  1% /run/lock
tmpfs           4042632         0   4042632  0% /sys/fs/cgroup
/dev/loop1       128          128         0 100% /snap/bare/5
/dev/loop2       56960        56960         0 100% /snap/core18/2344
/dev/loop4       63488        63488         0 100% /snap/core20/1405
```

12. Du

It allows a user to gain disk usage information quickly.

```
reeve@reeve6:~$ du
8      ./Desktop/file1
8      ./Desktop/file2
28     ./Desktop
12     ./Pictures
4      ./mozilla/firefox/Pending Pings
4      ./mozilla/firefox/Crash Reports/events
20     ./mozilla/firefox/Crash Reports
```

13. Free

It outputs a summary of RAM usage, including total, used, free, shared, and available memory and swap space.

```
raj@raj-MS-7B84:~/Downloads$ free
              total        used        free      shared  buff/cache   available
Mem:          8085268      903064      4597048         9348      2585156      6908748
Swap:         2097148           0       2097148
```

14. Uname -a

To display system information, use the uname command.

```
raj@raj-MS-7B84:~/Downloads$ uname -a
Linux raj-MS-7B84 5.13.0-28-generic #31~20.04.1-Ubuntu SMP
```

15. Top

The top (table of processes) command shows a real-time view of running processes in Linux and displays kernel-managed tasks.

```
top - 13:25:55 up 22 min, 1 user, load average: 0.05, 0.24, 0.39
Tasks: 198 total, 1 running, 197 sleeping, 0 stopped, 0 zombie
%Cpu(s): 5.9 us, 1.7 sy, 0.0 ni, 92.1 id, 0.3 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 2640.0 total, 323.3 free, 956.5 used, 1360.2 buff/cache
MiB Swap: 1421.2 total, 1411.4 free, 9.8 used, 1504.3 avail Mem

  PID USER      PR  NI  VIRT  RES  SHR S %CPU  %MEM    TIME+  COMMAND
 1393 reeve    20   0 288232 85936 48492 S   3.0   3.2   0:22.12 Xorg
 1606 reeve    20   0 3677884 315500 122984 S   3.0  11.7   0:35.51 gnome-shell
 2335 reeve    20   0 967704 51148 36892 S   1.7   1.9   0:12.43 gnome-terminal-
 4546 reeve    20   0 11856 3692 3188 R   0.7   0.1   0:00.05 top
 573 message+ 20   0 9844 5900 3440 S   0.3   0.2   0:02.80 dbus-daemon
```

16. Man

It is used to display the user manual of any command that we can run on the terminal.

```
MAN(1)                                Manual pager utils

NAME
  man - an interface to the system reference manuals

SYNOPSIS
  man [man options] [(section) page ...] ...
  man -k [apropos options] regexp ...
  man -K [man options] (section) term ...
  man -f [whatis options] page ...
  man -l [man options] file ...
  man -w|-W [man options] page ...

DESCRIPTION
  man is the system's manual pager. Each page argument given to man is normally the
  gram, utility or function. The manual page associated with each of these argument
  and displayed. A section, if provided, will direct man to look only in that sect
  ual. The default action is to search in all of the available sections following
  order (see DEFAULTS), and to show only the first page found, even if page exists
  tions.
```

17. Info

It will give detailed information for a command when compared with the man page.


```
File: dir,      Node: Top,      This is the top of the INFO tree.

This is the Info main menu (aka directory node).
A few useful Info commands:

'q' quits;
'H' lists all Info commands;
'h' starts the Info tutorial;
'mTexinfo RET' visits the Texinfo manual, etc.
```

```
* Menu:
```

18. Passwd

The passwd command changes passwords for user accounts.

```
raj@raj-MS-7B84:~$ passwd
Changing password for raj.
Current password:
New password:
Retype new password:
```

19. Whatis

is used to get a one-line manual page descriptions.

```
raj@raj-MS-7B84:~$ whatis pwd
pwd (1) - print name of current/working directory
```

20. Date

date command is used to display the system date and time. date command is also used to set date and time of the system.

```
raj@raj-MS-7B84:~$ date
Thursday 04 August 2022 08:47:34 PM IST
```

21. W

It is a built-in tool that allows administrators to view information about users that are currently logged in.

```
raj@raj-MS-7B84:~$ w
20:47:42 up 44 min,  1 user,  load average: 0.18, 0.35, 0.62
USER   TTY      FROM             LOGIN@   IDLE   JCPU   PCPU WHAT
raj    :0        :0               20:03    ?xdm?  8:37   0.00s /usr/lib/gdm3/g
```

22. Exit

It sends the SIGKILL signal to the running program to force quit the

command

23. Shutdown use the command to shut down the system.

24. Head prints the first lines of one or more files (or piped data) to standard output.

```
reeve@ReeveG:~/Desktop$ ls
file1 file2 reeve2.txt reeve.txt
reeve@ReeveG:~/Desktop$ head reeve2.txt
ffffffffvvvvvvvv
```

25. Tail

The tail command, as the name implies, print the last N number of data of the given input.

```
reeve@ReeveG:~/Desktop$ ls
file1 file2 reeve2.txt reeve.txt
reeve@ReeveG:~/Desktop$ tail -v reeve.txt
==> reeve.txt <==
ffffffvvvvvvvv
555
reeve
```

26. Echo

It is used to display line of text/string that are passed as an argument .

```
raj@raj-MS-7B84:~$ echo "Hello World"
Hello World
```

27. Gre

The grep filter searches a file for a particular pattern of characters, and displays all lines that contain that pattern

```
reeve@ReeveG:~/Desktop$ grep -V
grep (GNU grep) 3.4
Copyright (C) 2020 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <https://gnu.org/licenses/
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.
```

28. Zip

The zip command is a command-line tool in Linux that allows us to create an archive of files and directories

```
reeve@ReeveG:~/Desktop$ zip home.zip *
adding: file1/ (stored 0%)
adding: file2/ (stored 0%)
adding: reeve2.txt (deflated 44%)
adding: reeve.txt (deflated 27%)
```

29. Unzip

Extract ZIP file with unzip command

```
reeve@ReeveG:~/Desktop$ unzip home.zip
Archive: home.zip
replace reeve2.txt? [y]es, [n]o, [A]ll, [N]one, [
inflating: reeve2.txt
replace reeve.txt? [y]es, [n]o, [A]ll, [N]one, [r
```

30. <command name> -h or <command name> --help

```
reeve@ReeveG:~/Desktop$ zip -h
Copyright (c) 1990-2008 Info-ZIP - Type 'zip "-L"' for software license
Zip 3.0 (July 5th 2008). Usage:
zip [-options] [-b path] [-t mmdyyy] [-n suffixes] [zipfile list] [-x
The default action is to add or replace zipfile entries from list, wh
can include the special name - to compress standard input.
If zipfile and list are omitted, zip compresses stdin to stdout.
-f freshen: only changed files -u update: only changed or new fi
-d delete entries in zipfile -m move into zipfile (delete OS f
-r recurse into directories -j junk (don't record) directory
-0 store only -l convert LF to CR LF (-ll CR LF
-1 compress factor -9 compress better
```

2 . To implement Git commands

- Git commands

1 . git --version

MINGW64:/c/Raj

```
Student@LAB-306-009 MINGW64 /c/Raj
$ git --version
git version 2.37.1.windows.1

Student@LAB-306-009 MINGW64 /c/Raj
$
```

2. git init

```
Student@LAB-306-009 MINGW64 /c/Raj
$ git init
Initialized empty Git repository in C:/Raj/.git/

Student@LAB-306-009 MINGW64 /c/Raj (master)
$
```

3. git status

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  RB.docx

nothing added to commit but untracked files present (use "git add" to track)
```

« Wind... » Raj		
Name	Date modified	Type
.git	21-07-2022 14:37	File folde
RB	21-07-2022 14:37	Microsof

4 . git config


```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git config --global user.name 'Raj'

Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git config --global --list
user.name=Raj
user.email=rajburkhao03@student.sfit.ac.in

Student@LAB-306-009 MINGW64 /c/Raj (master)
$
```

5. git add

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git add .

Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   RB.docx
        new file:   raj_file1.txt
        new file:   raj_file2.txt

Student@LAB-306-009 MINGW64 /c/Raj (master)
$
```

6. git commit

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git commit --m 'first commit'
[master (root-commit) 97a3629] first commit
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 RB.docx
 create mode 100644 raj_file1.txt
 create mode 100644 raj_file2.txt
```

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$
```

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git commit --m 'second commit'
[master 392576b] second commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Raj1.txt
```

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git commit --m 'third commit'
[master 07ae064] third commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 raj2.txt
```

7. git log


```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git log
commit 07ae064a527e3b65ad42bf7adeb2574ebc7a6b9f (HEAD -> master)
Author: Raj <rajburkhao03@student.sfit.ac.in>
Date: Thu Jul 21 14:54:41 2022 +0530
```

third commit

```
commit 392576bff0d1911f891199052dfa35671ceadf98
Author: Raj <rajburkhao03@student.sfit.ac.in>
Date: Thu Jul 21 14:53:52 2022 +0530
```

second commit

```
commit 97a3629c88b0d72f4111f77ffa854c6d24fd806d
Author: Raj <rajburkhao03@student.sfit.ac.in>
Date: Thu Jul 21 14:50:25 2022 +0530
```

first commit

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$
```

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git log --oneline
07ae064 (HEAD -> master) third commit
392576b second commit
97a3629 first commit
```

```
Student@LAB-306-009 MINGW64 /c/Raj (master)
$ git log --oneline raj2.txt
07ae064 (HEAD -> master) third commit
```

3 . To implement Pull/Push operations between Git and GitHub

- Create a repository in GitHub

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *



Raj-Burkhao ▾

Repository name *

RajExp3 ✓

Great repository names are short and memorable. Need inspiration? How about [automatic-waffle?](#)

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

- ☒ **Add a README file**

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None ▾

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)

License: None ▾

This will set  `main` as the default branch. Change the default name in your [settings](#).

 You are creating a public repository in your personal account.

Create repository

- Create a branch on repository

Raj-Burkhao / RajExp3 Public

Pin Unwatch 1 Fork 0 Star 0

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Search branches...

Overview Yours Active Stale All branches New branch

Default branch

main Updated 1 minute ago by Raj-Burkhao Default

Your main branch isn't protected
Protect this branch from force pushing, deletion, or require status checks before merging.
Dismiss Protect this branch

Your branches

rbranch1 Updated 1 minute ago by Raj-Burkhao 0 | 0 New pull request

Active branches

rbranch1 Updated 1 minute ago by Raj-Burkhao 0 | 0 New pull request

● Fork, push and Pull request

● Fetch and merge on Git

RajExp3 / raj.docx in main Cancel changes

Edit file Preview changes Spaces 2 No wrap

1 creation of new file in main branch
2

main 2 branches 0 tags Go to file Add file Code

Your main branch isn't protected
Protect this branch from force pushing, deletion, or require status checks before merging.
Protect this branch

Raj-Burkhao Create raj.docx 794718a 42 seconds ago 2 commits

README.md Initial commit 5 minutes ago

raj.docx Create raj.docx 42 seconds ago

README.md

pg. 2

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git clone https://github.com/Raj-Burkhao/RajExp3.git
Cloning into 'RajExp3'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$
```

RajExp3	04-08-2022 13:47	File folder	
1	04-08-2022 13:36	PNG File	27 KB
2	04-08-2022 13:36	PNG File	25 KB
3	04-08-2022 13:38	PNG File	49 KB
4	04-08-2022 13:41	PNG File	12 KB
5	04-08-2022 13:42	PNG File	27 KB
6	04-08-2022 13:48	PNG File	13 KB

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git remote add origin https://github.com/Raj-Burkhao/RajExp3.git

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git remote show origin https://github.com/Raj-Burkhao/RajExp3.git
* remote origin
  Fetch URL: https://github.com/Raj-Burkhao/RajExp3.git
  Push URL: https://github.com/Raj-Burkhao/RajExp3.git
  HEAD branch: main
  Remote branches:
    main      new (next fetch will store in remotes/origin)
    rbranch1  new (next fetch will store in remotes/origin)
* remote https://github.com/Raj-Burkhao/RajExp3.git
  Fetch URL: https://github.com/Raj-Burkhao/RajExp3.git
  Push URL: https://github.com/Raj-Burkhao/RajExp3.git
  HEAD branch: main
```

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git push origin master
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 6 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (10/10), 161.89 KiB | 23.13 MiB/s, done.
Total 10 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/Raj-Burkhao/RajExp3/pull/new/master
remote:
To https://github.com/Raj-Burkhao/RajExp3.git
 * [new branch]      master -> master

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git push origin master
Everything up-to-date
```

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git pull origin master
From https://github.com/Raj-Burkhao/RajExp3
* branch          master      -> FETCH_HEAD
Already up to date.
```

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git pull origin master
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 661 bytes | 6.00 KiB/s, done.
From https://github.com/Raj-Burkhao/RajExp3
* branch          master      -> FETCH_HEAD
  fe2d823..119afba master      -> origin/master
Updating fe2d823..119afba
Fast-forward
 raj3.docx | 1 +
1 file changed, 1 insertion(+)
create mode 100644 raj3.docx
```

Name	Date modified	Type	Size
RajExp3	04-08-2022 13:47	File folder	
1	04-08-2022 13:36	PNG File	27 KB
2	04-08-2022 13:36	PNG File	25 KB
3	04-08-2022 13:38	PNG File	49 KB
4	04-08-2022 13:41	PNG File	12 KB
5	04-08-2022 13:42	PNG File	27 KB
6	04-08-2022 13:48	PNG File	13 KB
7	04-08-2022 13:49	PNG File	12 KB
8	04-08-2022 13:52	PNG File	20 KB
9	04-08-2022 14:02	PNG File	19 KB
10	04-08-2022 14:11	PNG File	6 KB
11	04-08-2022 14:14	PNG File	16 KB
raj3	04-08-2022 14:14	Microsoft Word D...	1 KB

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git fetch origin master
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 657 bytes | 8.00 KiB/s, done.
From https://github.com/Raj-Burkhao/RajExp3
* branch          master      -> FETCH_HEAD
  119afba..f9d454a master      -> origin/master
```

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git merge origin/master
Updating 119afba..f9d454a
Fast-forward
 raj4.docx | 1 +
1 file changed, 1 insertion(+)
create mode 100644 raj4.docx
```


RajExp3	04-08-2022 13:47	File folder	
1	04-08-2022 13:36	PNG File	27 KB
2	04-08-2022 13:36	PNG File	25 KB
3	04-08-2022 13:38	PNG File	49 KB
4	04-08-2022 13:41	PNG File	12 KB
5	04-08-2022 13:42	PNG File	27 KB
6	04-08-2022 13:48	PNG File	13 KB
7	04-08-2022 13:49	PNG File	12 KB
8	04-08-2022 13:52	PNG File	20 KB
9	04-08-2022 14:02	PNG File	19 KB
10	04-08-2022 14:11	PNG File	6 KB
11	04-08-2022 14:14	PNG File	16 KB
12	04-08-2022 14:14	PNG File	22 KB
13	04-08-2022 14:17	PNG File	13 KB
14	04-08-2022 14:18	PNG File	7 KB
raj3	04-08-2022 14:14	Microsoft Word D...	1 KB
raj4	04-08-2022 14:18	Microsoft Word D...	1 KB

Raj-Burkhao / Reevedevops Public

forked from Reevegon/Reevedevops

Pin Watch 0 Fork 1 Star 0

Code Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code

About

No description, website, or topics provided.

Readme

0 stars

0 watching

1 fork

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

This branch is up to date with Reevegon/Reevedevops:main.

Contribute Sync fork

Reevegon Create reeve.docx 5d7a885 43 minutes ago 2 commits

README.md Initial commit 1 hour ago

reeve.docx Create reeve.docx 43 minutes ago

README.md

Reevedevops

Are you absolutely sure?

Unexpected bad things will happen if you don't read this!

This action **cannot** be undone. This will permanently delete the Raj-Burkhao/Reevedevops repository, wiki, issues, comments, packages, secrets, workflow runs, and remove all collaborator associations.

Please type Raj-Burkhao/Reevedevops to confirm.

Raj-Burkhao/Reevedevops

I understand the consequences, delete this repository

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git branch
* master

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git branch raj

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git branch
* master
  raj

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git checkout raj
Switched to branch 'raj'

TE@LAB-303-019 MINGW64 ~/Documents/raj (raj)
$ git branch
  master
* raj

TE@LAB-303-019 MINGW64 ~/Documents/raj (raj)
$ git checkout master
Switched to branch 'master'

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git branch
* master
  raj
```

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git ls-files
1.PNG
2.PNG
3.PNG
4.PNG
5.PNG
6.PNG
7.PNG
8.PNG
RajExp3
raj3.docx
raj4.docx

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git branch -v
* master f9d454a Create raj4.docx
  raj    f9d454a Create raj4.docx
```

```
TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git log
commit f9d454a31ba5396f5859770b768e918004b6f19c (HEAD -> master, origin/master, raj)
Author: Raj-Burkhao <110594513+Raj-Burkhao@users.noreply.github.com>
Date: Thu Aug 4 14:16:45 2022 +0530

    Create raj4.docx

commit 119afba8243d390bf7025013c64d6e5219c943e3
Author: Raj-Burkhao <110594513+Raj-Burkhao@users.noreply.github.com>
Date: Thu Aug 4 14:13:53 2022 +0530

    Create raj3.docx

commit fe2d823359fb43b9991f14097e4c3ce054497dd1
Author: Raj <rajburkhao03@student.sfit.ac.in>
Date: Thu Aug 4 13:59:25 2022 +0530

    commit2

TE@LAB-303-019 MINGW64 ~/Documents/raj (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    10.PNG
    11.PNG
    12.PNG
    13.PNG
    14.PNG
    15.PNG
    16.PNG
    9.PNG

nothing added to commit but untracked files present (use "git add" to track)
```


11.implement docker commands

Docker from start steps:

```
docker version
docker --version
docker login
docker pull ubuntu
docker images
docker pull ubuntu:bionic
docker images
docker run ubuntu
docker ps
docker ps -a
docker run --name reeve_ubuntu -it ubuntu bash
ls
```

/////start reeve_ubuntu they apply these commands:

```
docker ps
docker unpause reeve_ubuntu
docker stop reeve_ubuntu
ps
docker top reeve_ubuntu
docker inspect ubuntu
```