**LAB-1**

To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo\_root" for details.

**6b@iselab2:~$ cd home/6b/Desktop/devops**

bash: cd: home/6b/Desktop/devops: No such file or directory

**6b@iselab2:~$ git ---version**

unknown option: ---version

usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]

[--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]

[-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]

[--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]

[--super-prefix=<path>] [--config-env=<name>=<envvar>]

<command> [<args>]

**6b@iselab2:~$ git --version**

git version 2.34.1

**6b@iselab2:~$ cd /home/6b/devops**

bash: cd: /home/6b/devops: No such file or directory

6b@iselab2:~$ mkdir example1

6b@iselab2:~$ cd example1

6b@iselab2:~/example1$ touch a.txt

6b@iselab2:~/example1$ gedit a.txt

6b@iselab2:~/example1$ touch b.txt

6b@iselab2:~/example1$ touch c.txt

6b@iselab2:~/example1$ git init

hint: Using 'master' as the name for the initial branch. This default branch name

hint: is subject to change. To configure the initial branch name to use in all

hint: of your new repositories, which will suppress this warning, call:

hint:

hint: git config --global init.defaultBranch <name>

hint:

hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and

hint: 'development'. The just-created branch can be renamed via this command:

hint:

hint: git branch -m <name>

Initialized empty Git repository in /home/6b/example1/.git/

**6b@iselab2:~/example1$ git add a.txt**

**6b@iselab2:~/example1$ git status**

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: a.txt

Untracked files:

(use "git add <file>..." to include in what will be committed)

b.txt

c.txt

6b@iselab2:~/example1$ git commit -m "heloooo"

Author identity unknown

\*\*\* Please tell me who you are.

Run

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got '6b@iselab2.(none)')

**6b@iselab2:~/example1$ ^C**

**6b@iselab2:~/example1$ ^C**

**6b@iselab2:~/example1$ git config --global user.email "aprathi97@gmail.com"**

**6b@iselab2:~/example1$ git commit -m "heloooo"**

Author identity unknown

\*\*\* Please tell me who you are.

Run

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: empty ident name (for <aprathi97@gmail.com>) not allowed

6b@iselab2:~/example1$ git config user.email "aprathi97@gmail.com"

6b@iselab2:~/example1$ git commit -m "heloooo"

Author identity unknown

\*\*\* Please tell me who you are.

Run

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: empty ident name (for <aprathi97@gmail.com>) not allowed

**6b@iselab2:~/example1$ git config user.email "aprathi97@gmail.com"**

**6b@iselab2:~/example1$ git config --global user.name "parthibha"**

**6b@iselab2:~/example1$ git commit -m "heloooo"**

[master (root-commit) 8a6546d] heloooo

1 file changed, 1 insertion(+)

create mode 100644 a.txt

6b@iselab2:~/example1$ git status

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

b.txt

c.txt

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

**6b@iselab2:~/example1$ git add b.txt**

**6b@iselab2:~/example1$ git commit -m "helo b"**

[master 5aaf155] helo b

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 b.txt

6b@iselab2:~/example1$ git status

On branch master

Untracked files:

(use "git add <file>..." to include in what will be committed)

c.txt

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

**6b@iselab2:~/example1$ git remote add origin** "git@github.com:Prathibha97-97/example1.git"

**6b@iselab2:~/example1$ git pull origin main**

The authenticity of host 'github.com (20.207.73.82)' can't be established.

ED25519 key fingerprint is SHA256:+DiY3wvvV6TuJJhbpZisF/zLDA0zPMSvHdkr4UvCOqU.

This key is not known by any other names

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.

git@github.com: Permission denied (publickey).

fatal: Could not read from remote repository.

Please make sure you have the correct access rights

**and the repository exists.**

**6b@iselab2:~/example1$ git branch**

\* master

**6b@iselab2:~/example1$ git push -u origin master**

git@github.com: Permission denied (publickey).

fatal: Could not read from remote repository.

Please make sure you have the correct access rights

and the repository exists.

**6b@iselab2:~/example1$ git remote add origin** "git@github.com:Prathibha97-97/example1.git"

error: remote origin already exists.

**6b@iselab2:~/example1$ git pull origin main**

git@github.com: Permission denied (publickey).

fatal: Could not read from remote repository.

Please make sure you have the correct access rights

and the repository exists.

**6b@iselab2:~/example1$ git remote add origin "git@github.com:Prathibha97-97/abcd.git"**

error: remote origin already exists.

**6b@iselab2:~/example1$ ssh-keygen -t rsa -b 4096 -C "aprathi97@gmail.com"**

Generating public/private rsa key pair.

Enter file in which to save the key (/home/6b/.ssh/id\_rsa):

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Passphrases do not match. Try again.

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /home/6b/.ssh/id\_rsa

Your public key has been saved in /home/6b/.ssh/id\_rsa.pub

The key fingerprint is:

SHA256:jWBPb4ylb8VydjZPCYki6hZKCsJvBhEQ3h4CVRRNFCw aprathi97@gmail.com

The key's randomart image is:

+---[RSA 4096]----+

|=+.o+\*+. |

|o o E o . . |

| + o .o..... o |

|. + ...+.O.. . .|

|oo o o S \* = +..|

|o = o . o = o + |

| . = o o .|

| o . . |

| |

+----[SHA256]-----+

**6b@iselab2:~/example1$ cat ~/.ssh/id\_rsa.pub**

ssh-rsa  aprathi97@gmail.com

**6b@iselab2:~/example1$ git config pull.rebase false**

**6b@iselab2:~/example1$ git config pull.rebase true**

**6b@iselab2:~/example1$ git config pull.ff only**

**6b@iselab2:~/example1$ git pull origin main**

From github.com:Prathibha97-97/example1

\* branch main -> FETCH\_HEAD

fatal: Not possible to fast-forward, aborting.

**6b@iselab2:~/example1$ git fetch origin**

**6b@iselab2:~/example1$ git rebase origin/main**

Successfully rebased and updated refs/heads/master.