**GIT BASH**

**Git commands**

To create a username for ur git

git config --global user.name "Deepak Potlabathini"

to create a user email fro ur git

git config --global user.email "deepakmdk4567@gmail.com"

to create a directory

mkdir filename

to change a directory

cd filename/

to change directory from subfolder to folder

cd \

to initiate a repository

git init

to list out the contents in ur current file

ls

to list all the hidden files

ls -a

to open content of ur file

ls content

to create a file

touch filename.filetype

to know what changes have been made in the project that is currently not saved

git status

to place the files whose changes are not saved in the stage

git add filename

To commit helps you to tell about the changes ongoing as a message by yourself

git commit -m ‘’

to open and edit the file

vi filename

after editing to exit the file

Press ESC and :wq

to display the content of an edited file

cat filename

to restore saved changes

git restore —staged filename

to delete the file

rm -rf filename

to read all the commits

git log

to remove specific commit copy the number of that commit jst below the commit up to which u want to remove

git reset commit no

to save changes but does not want to add a commit

git stash

to pop all the changes that are stash

git stash pop

to delete all the stash

git stash clear

to add the git repository URL to ur local project

git remote add origin URL

to get all the URLs attached to a local project

git remote -v

to save the changes of attaching project and reflect it in the repository

git push origin branch(master in this case)

to add an already existing project from an existing account in GitHub to ur personal account

fork

to download a repository or clone a repository

git clone URL

to mention from which URL u forked the project

git remote add upstream URL

to create a branch

git branch branch name

to change branch from main to branch

git checkout branch name

to save the changes of attaching project and reflect it in the repository but online repository have comments that are not in the local repository use force push

git push origin branch -f

to make forked project even with upstream

{ git fetch –all --prune

git checkout main

git reset –hard upstream/main } or

git pull upstream main

to squash the commits into single commit

git rebase -i commit no of the previous commit of the commits u want to squash

pick any one as a base

:x allows u to write a message :x to exit message mode