

git config --global user.name "Dileepcs2018"

git config --global user.email [dileepcs.kumar2009@gmail.com](mailto:dileepcs.kumar2009@gmail.com)

git config --global user.name

git config --global user.email

git init

git status

ls –lart

git add Hello.txt -> for one file to add in staged area

git add –A -> “It will add all the file”

git add . > “It will add all the file”

git commit -m "Hello.txt added" -> Files are commited

now if you are changing the Hello.txt

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If we need to undo the changes in the file, the we use below command

Git checkout filename

git checkout Hello.txt -> Similar to undo checkout in clearcase-> it retain the last version of the **files of one file**

git checkout –f -> all the edited file will be undo checkout->Similar to clear case

git log

commit dc8e75429a66ce45ca431c9a659b8f8fe3b1f212 (HEAD -> master)

Author: Dileepcs2018 <dileepcs.kumar2009@gmail.com>

Date: Sun Jun 13 05:45:25 2021 +0530

Hello.txt added

commit fc31e9574de158b16ac5ba1246a7f100f2ceac42

Author: Dileepcs2018 <dileepcs.kumar2009@gmail.com>

Date: Sun Jun 13 05:34:00 2021 +0530

Hello.txt added

Git log –p -100 -> it will list out how many commit we did-> here I mentioned 100 commit

Git diff -> It will show the difference of file between the current working area and staging area

git diff -–staged -> It will compare the difference between last staging area.

$ git commint -a -m "Skipped staging area and direct commit" it will direct commit all the file and bypass the staging area but before doing this you should be very careful

git rm arti.html -> Remove the file from current working stage

$ git rm --cached arti.html -> it will remove tempapory from the current working area but file will be present in harddisk. We can add it once again by git add arti.html and git commit –m “Arti.html added”

git status –s -> status of git listed in sort form or summerise form

$ git status –s

A Git\_Command.txt -> This file is added

?? Git\_Command.docx -> This file is untracked

?? arti.html

?? ~$t\_Command.docx

touch .gitignore :->Some of the file if want to ignore then we will use this

use vi .gitignore and mention the file which you want to ignore it

git branch feature1

git checkout feature1

$ git checkout feature1

Switched to branch 'feature1'

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*How to merge feature1 branch to master branch\*\*\*\*\*\*\*\*\*\*\*\*\*\*

First we will go to master branch

git checkout master -> now I am in master branch

Now type below command to merge in master branch

$ git merge feature1

Updating 8e9cc53..a2462be

Fast-forward

Hello.txt | 4 +++-

1 file changed, 3 insertions(+), 1 deletion(-)

git checkout -b flaskIntegration -> This command is used to create the branch and switch to the created branch

Switched to a new branch 'flaskIntegration'

git remote add origin <https://github.com/Dileepcs2018/Sample_Program.git>

$ git remote

origin

$ git remote -v

origin https://github.com/Dileepcs2018/Sample\_Program.git (fetch)

origin https://github.com/Dileepcs2018/Sample\_Program.git (push)

$ ssh-keygen -t ed25519 -C [*your\_email@example.com*](mailto:your_email@example.com)

$ ssh-keygen -t ed25519 -C [dileepcs.kumar2009@gmail.com](mailto:dileepcs.kumar2009@gmail.com) -----------important steps—

$ eval "$(ssh-agent -s)"

Agent pid 1743

ssh-add ~/.ssh/id\_ed25519

$ ssh-add ~/.ssh/id\_ed25519

Identity added: /c/Users/dell/.ssh/id\_ed25519 ([dileepcs.kumar2009@gmail.com](mailto:dileepcs.kumar2009@gmail.com))

ssh-keygen -t rsa -b 4096 –C [dileepcs.kumar2009@gmail.com](mailto:dileepcs.kumar2009@gmail.com)

git remote add origin https://username:access-token@github.com/username/repo.git

git remote remove origin

git remote add origin <https://github.com/Dileepcs2018/Test.git>

git remote set-url origin <https://github.com/Dileepcs2018/p1.git>

How to add public key in git hub repository

$ ssh-keygen -t rsa -b 4096 -C "dileepcs.kumar2009@gmail.com"

$eval "$(ssh-agent -s)"

$ssh-add ~/.ssh/id\_rsa

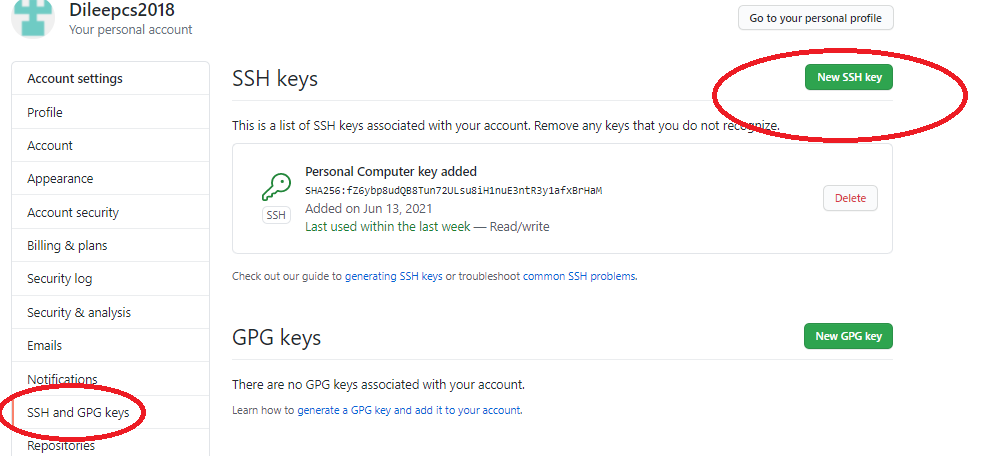
Type cd ~/.ssh and got to ssd directory

cat id\_rsa.pub -> Copy the ssh key

cat id\_rsa.pub

ssh-rsa  dileepcs.kumar2009@gmail.com

and paste into git\_hub path as below:



cd C:/Users/dell/OneDrive/Desktop/Github/Git\_in\_one\_video

$ git remote set-url origin [git@github.com:Dileepcs2018/Test\_Case.git-](mailto:git@github.com:Dileepcs2018/Test_Case.git-)> it is used to set the ssh [git@github.com:Dileepcs2018/Test\_Case.git](mailto:git@github.com:Dileepcs2018/Test_Case.git) remote origin name

$git push –u origin master -> if it does not work then type below

$git push -f origin master