git config --global user.name "Saurabh"

git config --global user.email "email\_id"

git config --list

git config --global core.editor vim

git config user.name

rm -rf .git **CAUTION !!!**

git clone URL

git diff //compares staging area with working directory

git diff --staged

git commit -a -m "direct commit"

git rm filename

git mv old\_filename new\_filename

git rm --cached filename //to stop tracking file

git log -p

git log -p -n

git log --stat

git log --pretty=short

git log --pretty=oneline

git log --pretty=full

git log --since=2.days/weeks/months/years

git log --pretty=format:"%h -- %an"

git commit --amend

git restore --staged filename //unstage

git restore filename

git checkout -- filename

git checkout -f

git remote add origin URL

git remote -v

git push -u origin master

**SSH key generation**

https://docs.github.com/en/authentication/connecting-to-github-with-ssh/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent

ssh-keygen -t rsa -b 4096 -C "skulkarni120191@gmail.com"

eval "$(ssh-agent -s)"

ssh-add ~/.ssh/id\_rsa

tail ~/.ssh/id\_rsa.pub

**Alias in git**

git config --global alias.st status

git config --global alias.cm commit

git config --global alias.unstage 'restore --staged --'

git config --global alias.last 'log -p -1'

git checkout -b develop

git checkout master

git branch

git push origin branchname

git push origin oldbranchname:newbranchname

git merge branchname

git branch -v

git branch --merge

git branch --no-merged

git branch -d branchname //gives error if branch not merged

git branch -D //for branch deletion

git push -d origin branchname

project folder(local)

git init

git status

git add names.txt

git status

git commit -m "names.txt file added"

git status

git add .

git restore --staged names.txt //to remove from stage

git status

git add names.txt //to get again on stage

git status

git commit -m "names.txt file modified"

git log

rm -rf names.txt

git status

git add .

git commit -m "names.txt file deleted"

git log

git reset hashid

git log

git status

git add .

git status

touch houses.txt

git add .

git status

git stash //to send backstage

git log

git stash pop //to get back on stage area

git add .

git stash

git stash clear //gets delete before commit

git remote add origin --url-- //connect to remote repository

git remote -v //show urls attach to folder

git push origin master //to push on github repository

git clone --url-- // do fork download folder from github

git remote add upstream --url-- //from where you have forked

git remote -v

vi readme.md

git status

git branch saurabh

git checkout saurabh

git add .

git commit -m "saurabh added msg"

git log

git push origin saurabh

git push origin saurabh -f

git checkout main

git fetch --all --prune

git reset --hard upstream/main

git push origin main

git pull upstream main

git push origin main

git branch temp

git checkout temp

git rebase -i hashid //to merge commit put s

esc : x

git reset --hard hashid