

# Git and github

git —version

git config —global user.name "Sushanth S Rao"

git config —global user.email "sraosush0831@gmail.com"

git config —global —edit (esc→:wq→enter)

mkdir " "

cd " "

git init

ls

ls -a (shows .git file inside the repo)

git status (any changes/tracked files and untracked files)

(track→commit→push)track means add

git add file.java(tracked i.e its in staging area)

git commit -m "commit details/msg"

git log (git reflog)

git revert <commit hash > (esc→:q→enter)

modify existing file

git status

git add file.ext or git add .(all)

git checkout <commit hash from git log>

git checkout master

git branch

git branch <b\_name>

git checkout b\_name(git branch feature\_name)

`git checkout -b b_name`

bringing feature from feature to dev branch

switch to dev branch using checkout then

`git merge feature_branch`

`touch .gitignore`(or create a file as `.gitignore` )

inside `.gitignore` if you give any file.ext it will be ignored by git

`git remote -v`

for 1st time pushing(follow steps given in github repo push already existing repo)

`git remote add origin https://github.com/.....`

`git branch -M master`

`git push -u origin master`

(instead of origin we can give other name to in git remote add in above cmd we are telling the where

to push , push to origin and in master branch)

2nd push

make changes

`git add .`

`git commit -m "commit msgs"`

`git push`(origin and master default)

to push dev branch also

```
git checkout dev
```

```
git push -u origin dev
```