

\* working directory → staging area → local Repository  
where we initialise where we can committed files  
git decide which saved progress  
files to commit (in .git)  
git push → remote repository (in Github)

\* git status  
if modified and want to get back to previous file  
git checkout chapter3.txt  
will be restored to previous file

\* git difference chapter3.txt  
to check what has been updated

\* git log  
check previous commits

\* git remote add origin wl  
git push -u origin master  
↑ ↑  
name of name of  
remote branch

\* git clone wl

\* git branch name to create a branch  
git branch to view the branches  
git checkout name to change to another branch

\* after coming on the branch on which you want to merge  
git merge name //Merging of two branches  
:q! (save and quit in vim)

\* git checkout master  
git merge alias  
git push origin master -u

\* Forking.

Cloning: copying the entirety //creates copy on local machine  
Copying: keeping under own github account and making changes to it //creates copy on github owned by me eg: for open source environment  
after changes a pull request is sent for merging it

\* git ignore : files which will be not shown to others on public profile

touch .gitignore // hidden file so ls -a  
open .gitignore

\* git rm --cached :

<sup>↑</sup> to remove all files from staging area

\* inside gitignore write the files which you want to ignore

·DS\_Store // file by default if files will be hidden  
secrets.txt when you commit