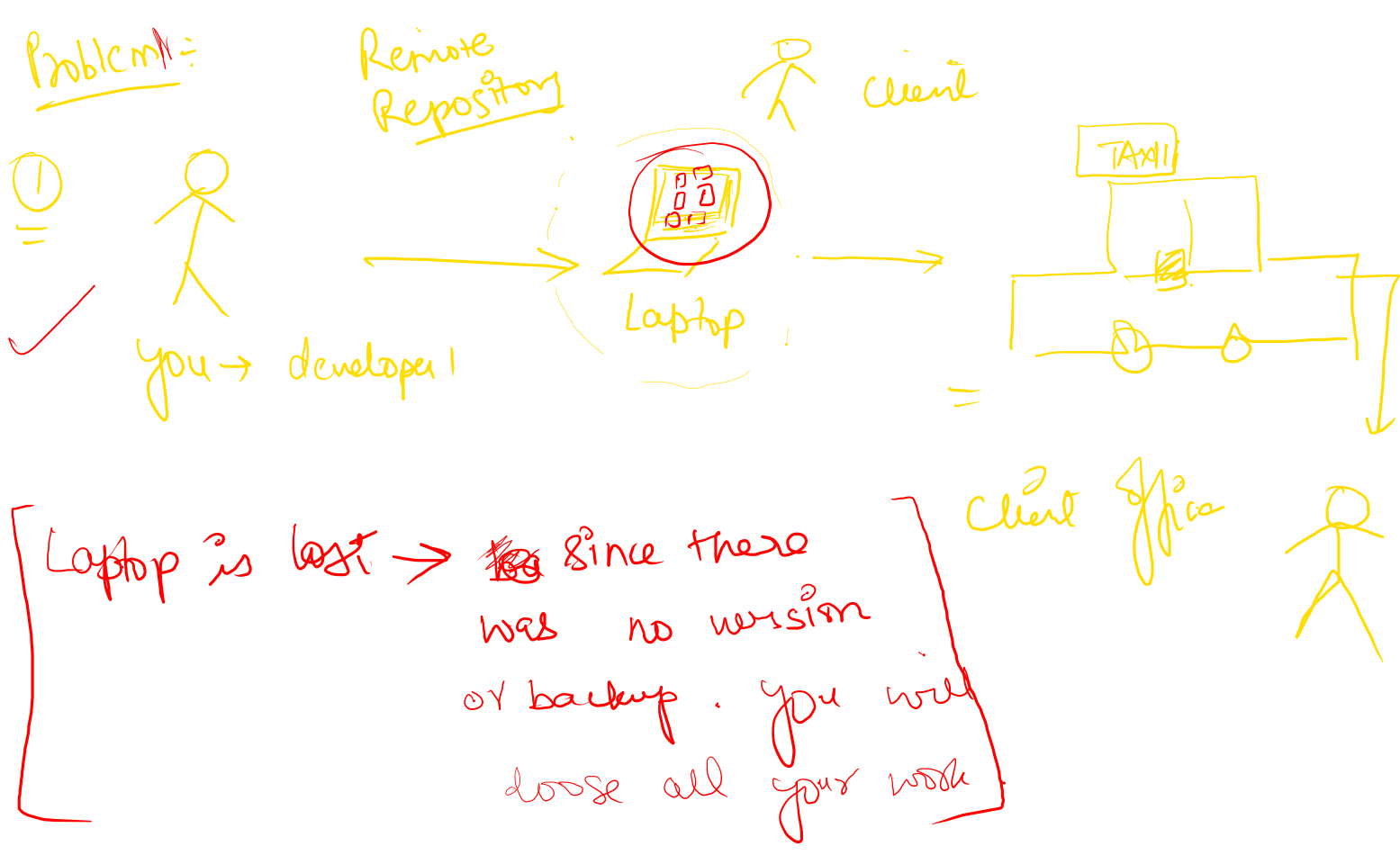
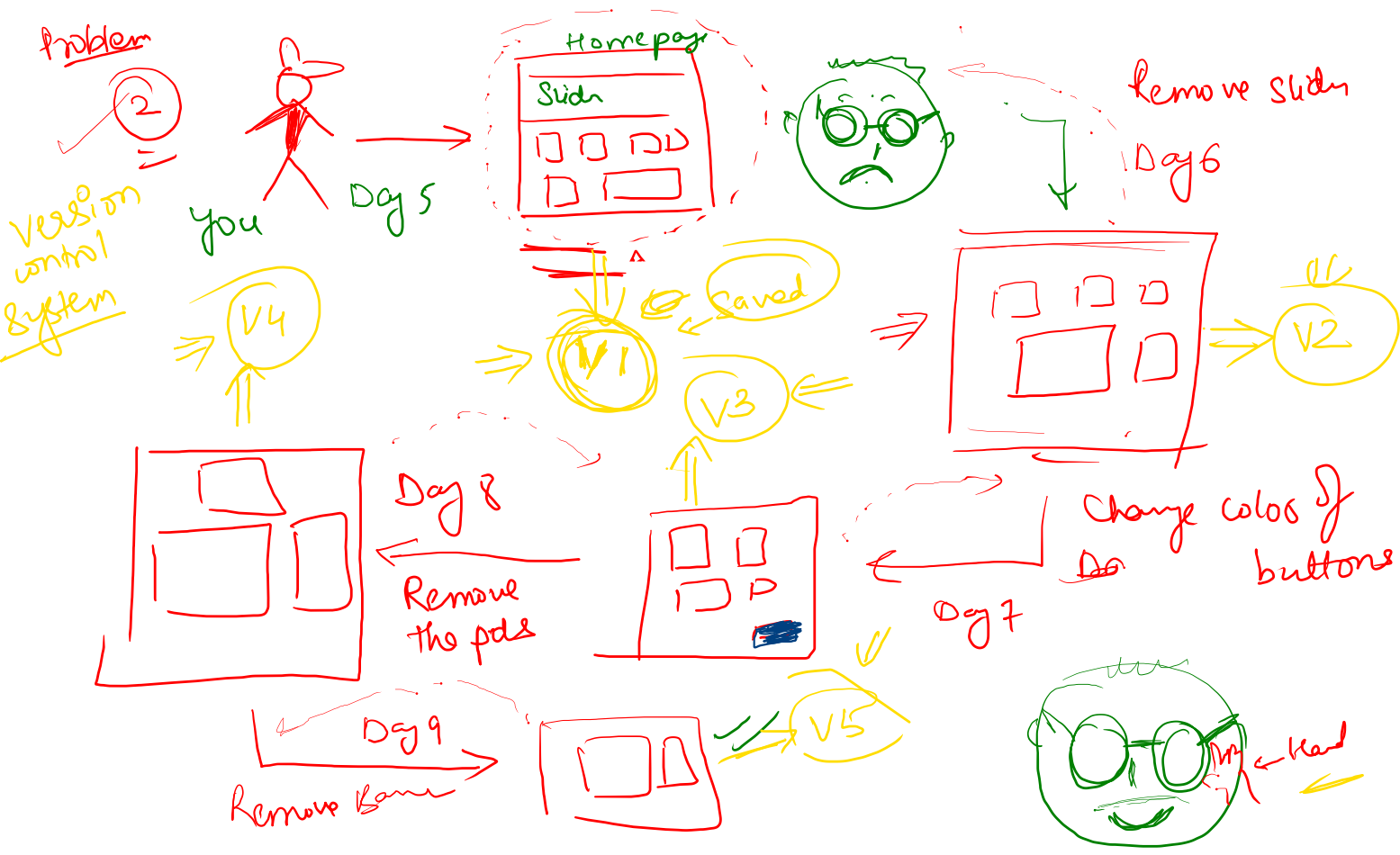
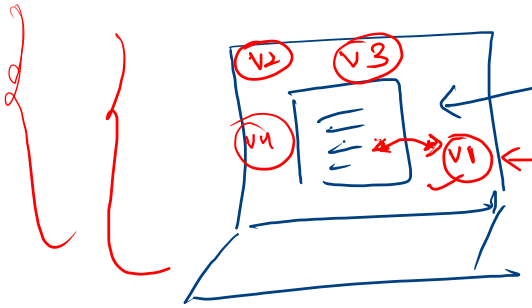

Problem :
Remote Repository
client
you → developer
Laptop
TAXI
Laptop is lost → since there was no version or backup . you will loose all your work
client office


Problem
2
Version control System
you
Day 5
Homepage
Slide
Remove Slide
Day 6
V4
V1
Saved
V2
V3
Day 8
Remove the pods
Day 7
Change colors of buttons
Day 9
Remove
V5
Head

1 ⇒ Local version control System

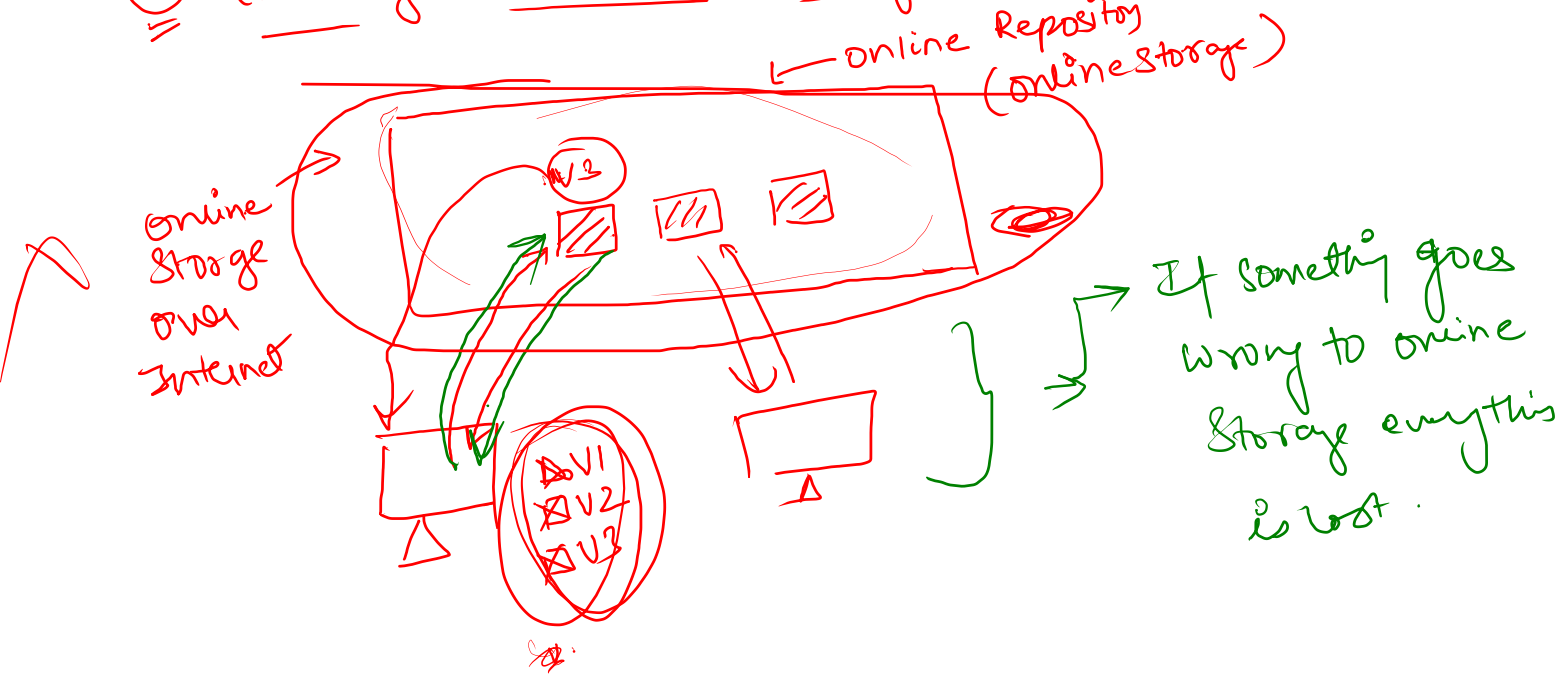
↑ versions are created locally.



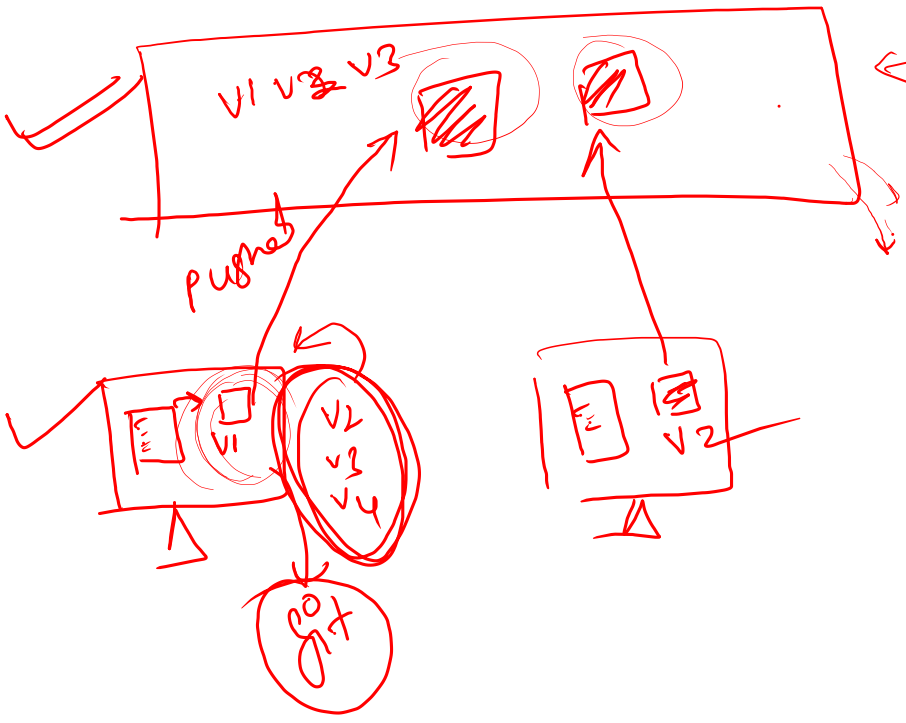
Local VCS (LVCS)

local computer (V1 would be saved in your local system)

(2) Centralized version control system



(3) Distributed version control system (LVCS + CVCS)



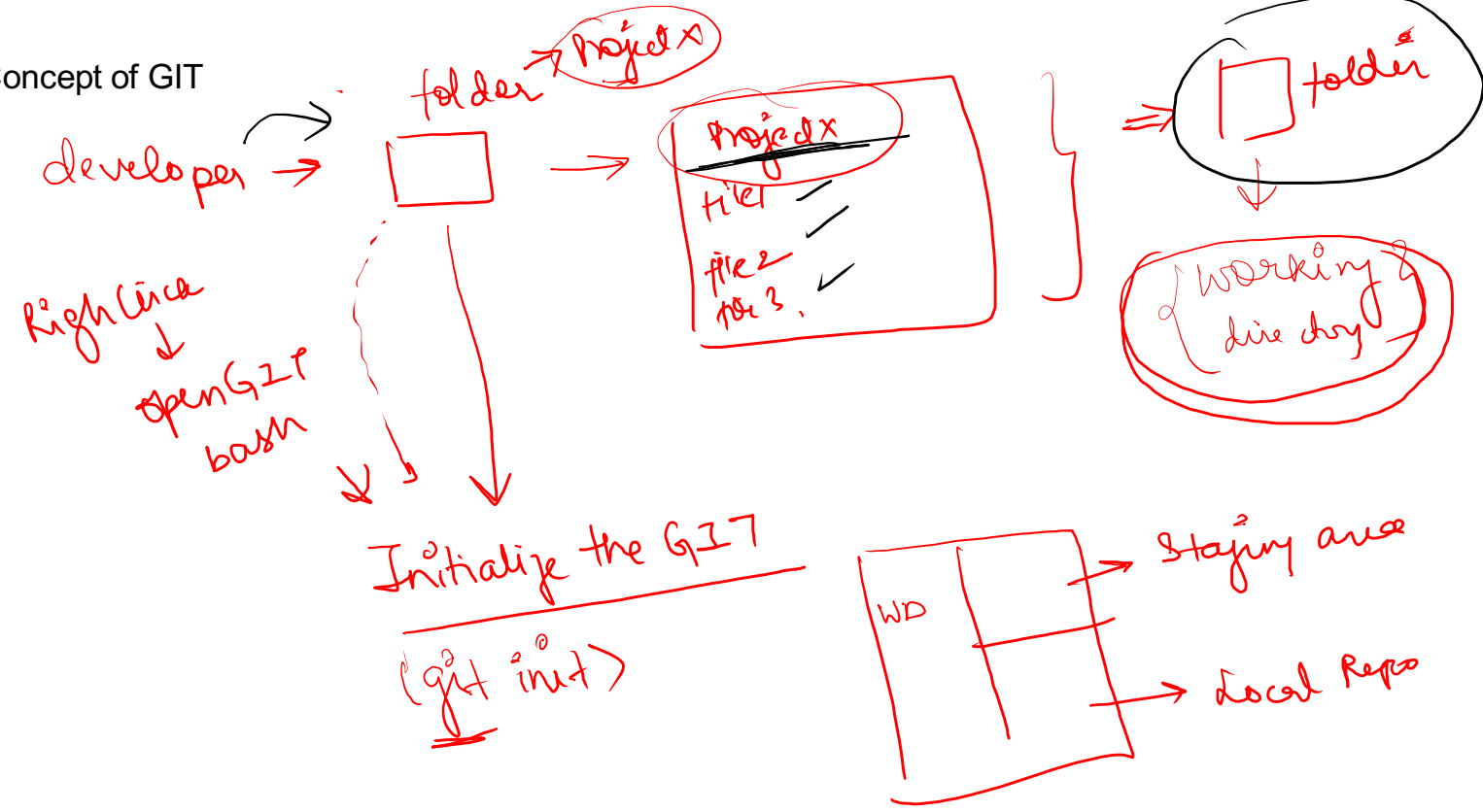
(Internet)

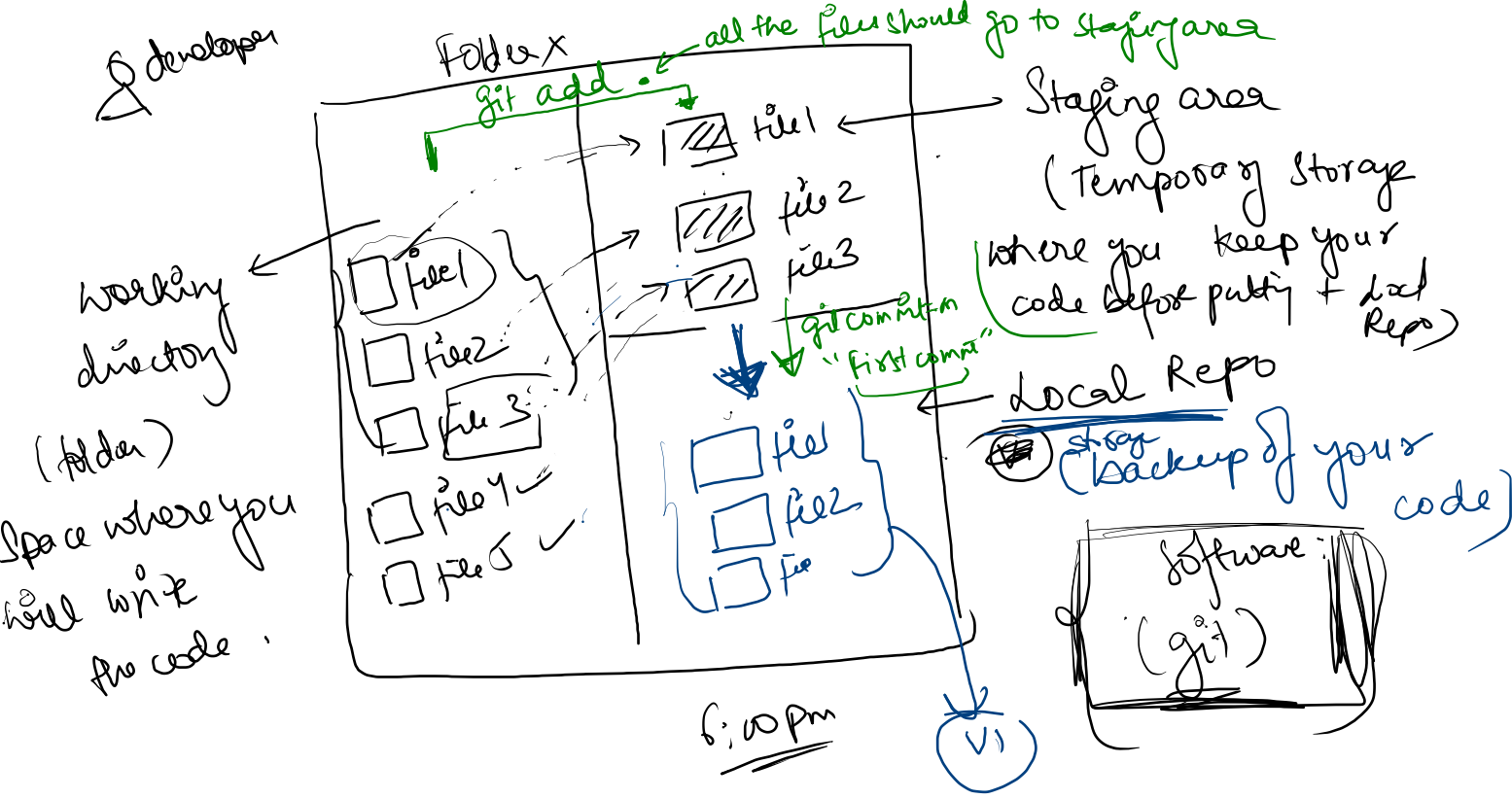
← Online Repository (Storage)

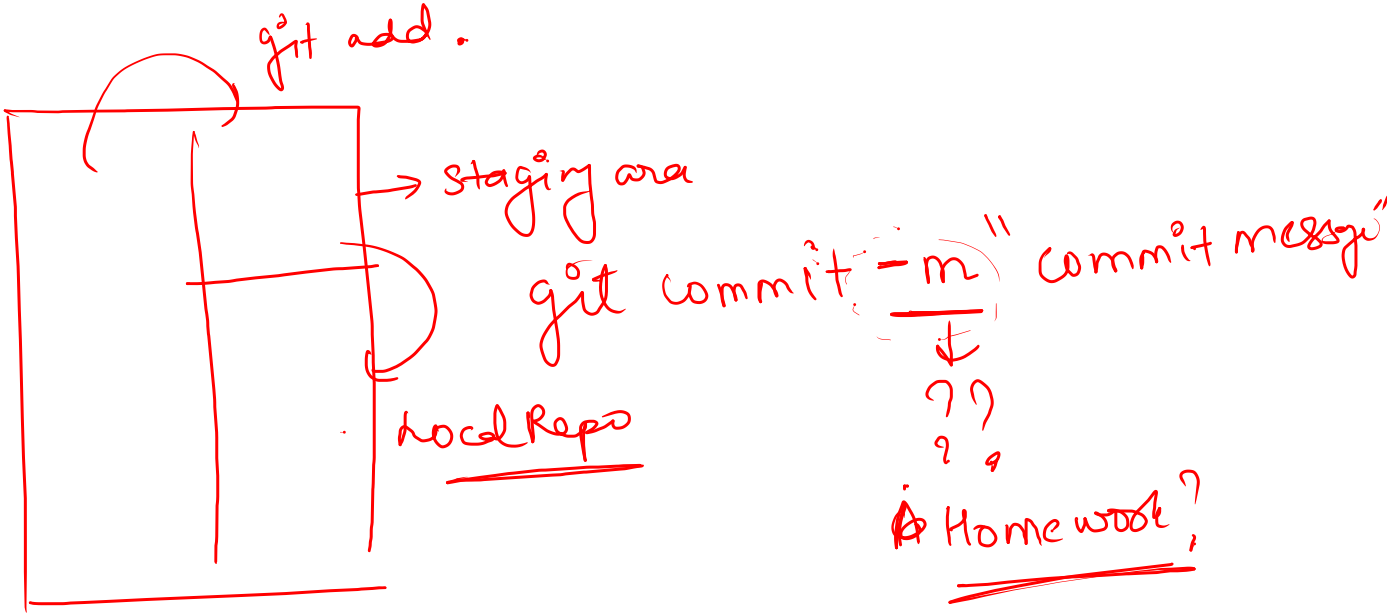
(github)

Boods

Concept of GIT




developer
Folder X
all the files should go to staging area
git add .
file1
file2
file3
file4
file5
Staging area
(Temporary Storage
where you keep your code before putting to local Repo)
working directory
(folder)
Space where you will write the code.
git commit -m "first commit"
Local Repo
Stores (backup) of your code
Software (git)
6:00 pm
V1


git add .
staging area
git commit -m "commit message"
local Repo
??
Homework!

Commands in GIT:
Create a folder (projectx) -> right click and open git bash

1) git init (initialize the git) ->once
2) git config --global user.name "akshat" -> once
3) git config --global user.email "akshu20791@gmail.com" -> once
4) git config --list ---> to check the list of the configuration which is there in git

create a file named : firstfile.txt , secondfile.txt
and put some content in those files

5) git status -> it gives the status of my local repo (local folder in my laptop)
6) git add . -> add all the files which are not tracked or any modifications happened in my file to the staging area
7) git rm --cached <<file name>> -> bring back your file from staging area to working directory
8) git log --oneline -> shows the commit logs in single line
9) git log -> shows the complete commit logs