Git → Software

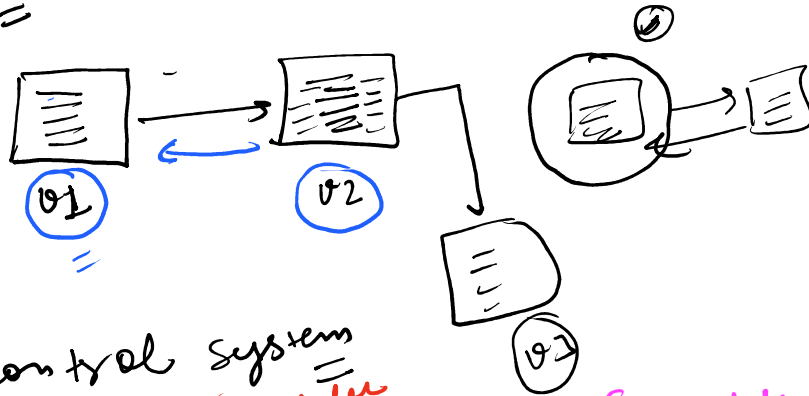Github → website that uses the concept of Git.

Git

MS word

save

WA —upgrades→ WA

rollback changes

V1 → V2 → V3

⇒ version control system

Ex → Stash ?? → Git (most popular)
→ Bit Bucket
→ Mercurial
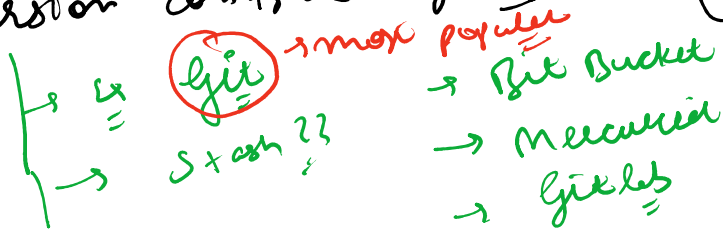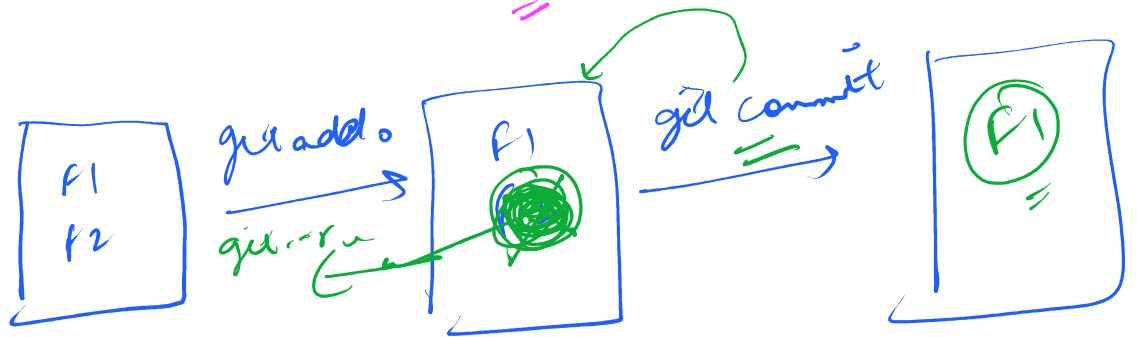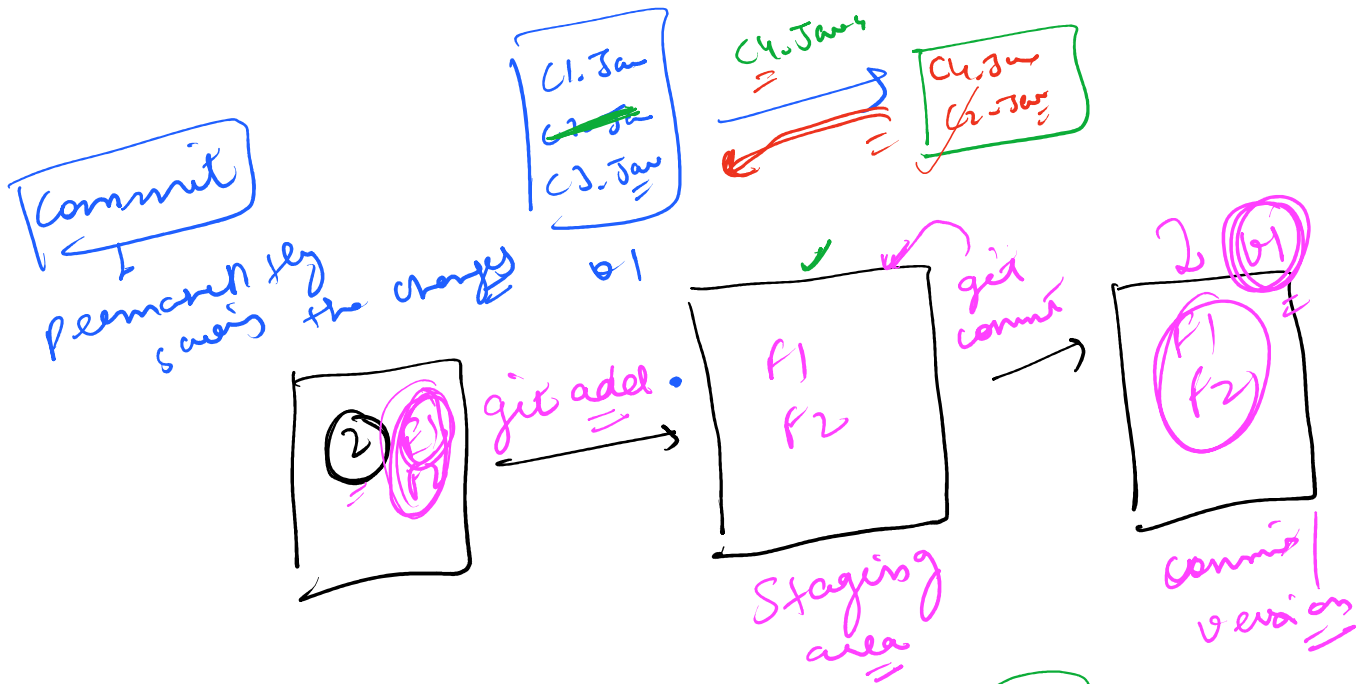→ Gitlab

Founder
↓
Linus Torvalds
↳ Linux OS

1) Install git in your laptop

2) git -- version

1) git init → to ask git to track / manage your project.

1) git init → to ask git to ... | ... project.

2) git status → tells you what all changes have been done from the prev version

Commit → permanently saving the changes

C1.Jav
C2.Jav
C3.Jav

C4.Javs → C4.Jav C2-Jav

b1

git add .

Staging area

git commit

commit version

F1 F2 → git add . / git --- → F1 → git commit → F1

→ git add . → to move the changes to staging area
→ git commit -m "message" : permanently save all the changes in staging area.

github → local system
→ local git repo

→ local git repo

remote git repo
on the internet
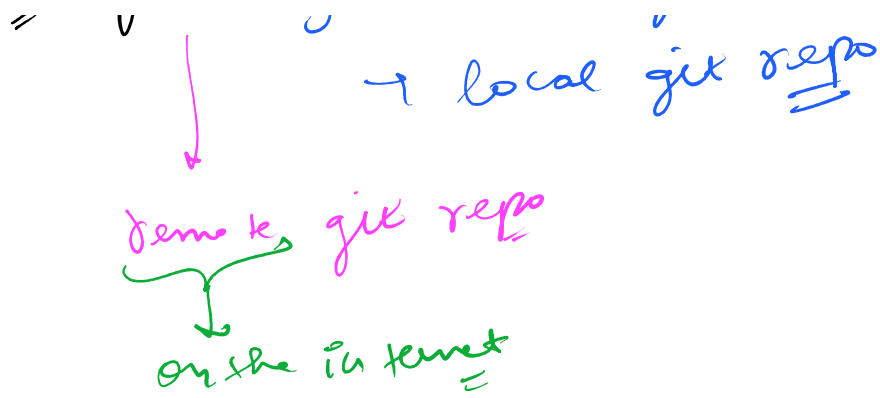
~~Connecting~~ Pushing local project to git hub repo

1) Create a new repo on git hub
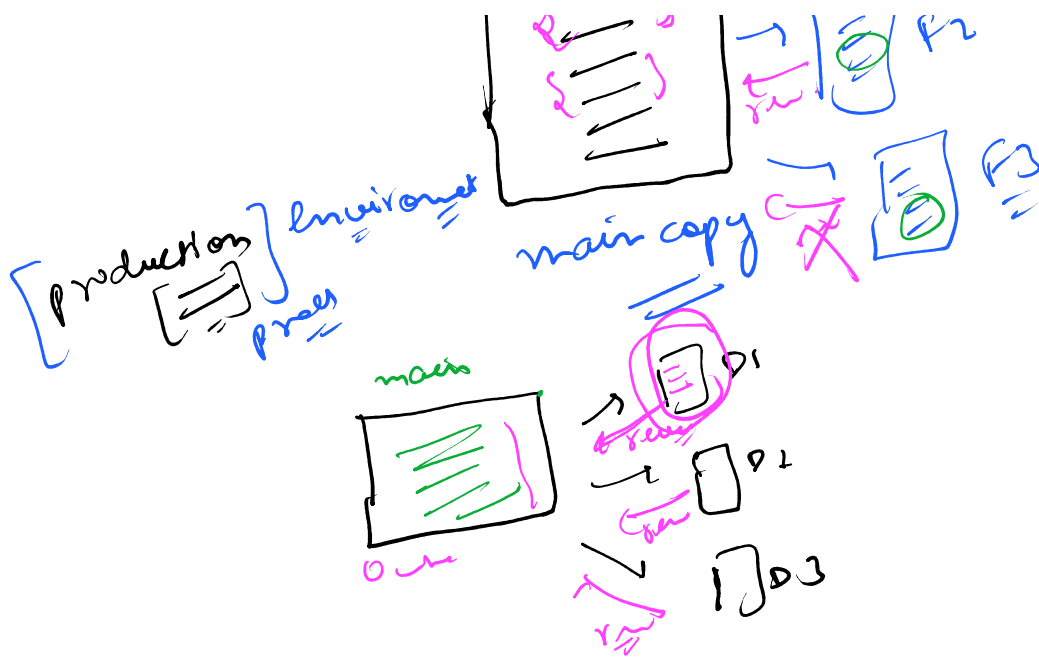2) git remote add origin url.
3) git push origin branch name.
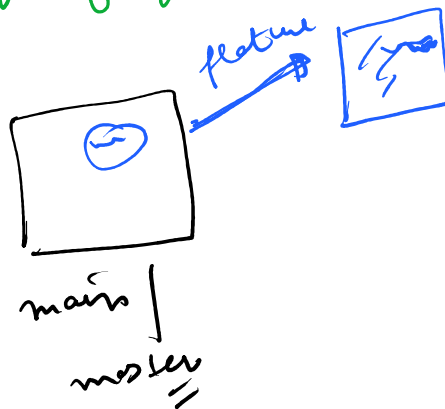
Creating a local copy of git hub project
git clone link.

→ git pull . to get the changes from git hub to local copy

Branching

[Production] Environment
Prod

main copy

P1
P2
P3

main
Owner
D1
D2
D3

→ Branch
   is copy of your code

feature

main /
master

→ git check out -b "branchname"
→ git check out "name"

for submitting Acti's assign
  1) git add.
  2) git commit -m ^ _ ^
  3) git push origin main / master