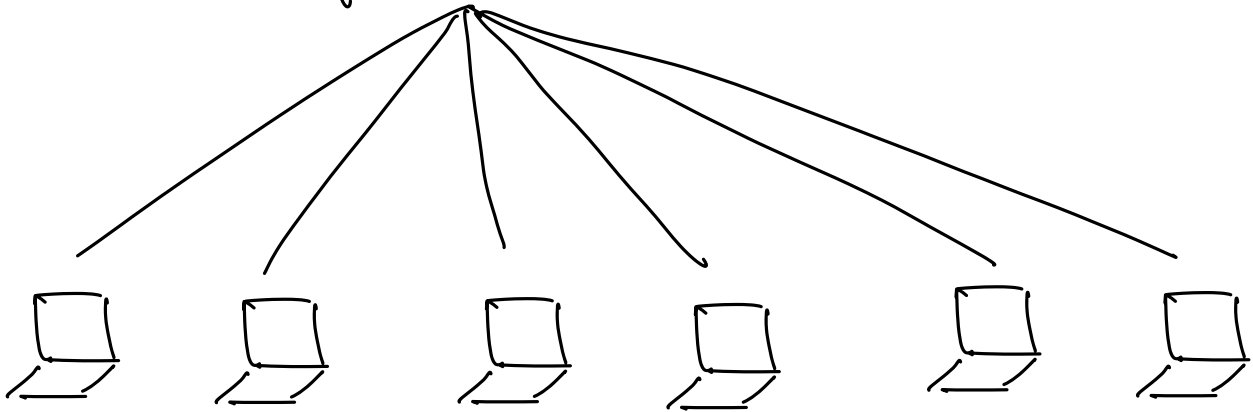⇒ Git Remote.
- → fetch
- → Pull
- → Push

⇒ Working with Github.

Why we use VCS. ?
- → History
- → Team work

Git Remote { Cloud ⇒ Git Repository hosting websites.
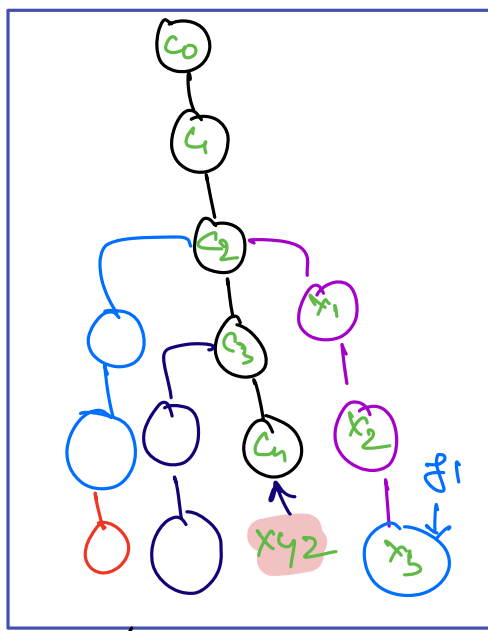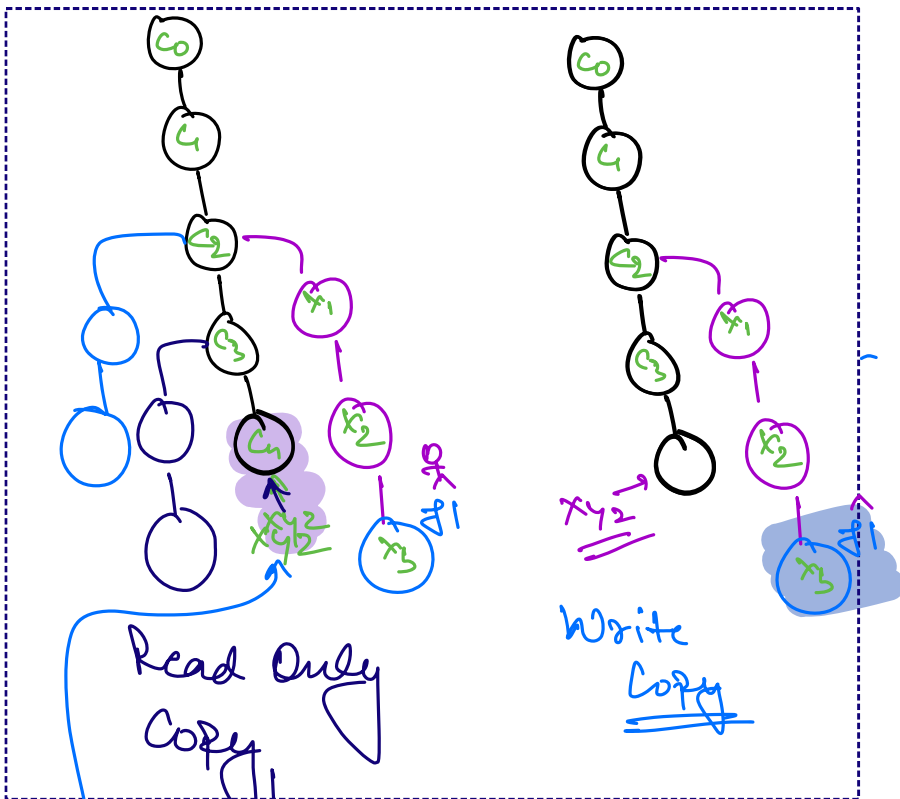(Github | BitBucket | Gitlab...)

⇒ Git Remote.

→ Cloud location on which we can host our git repositories.

→ Location from which we can download the codebase in our m/c.
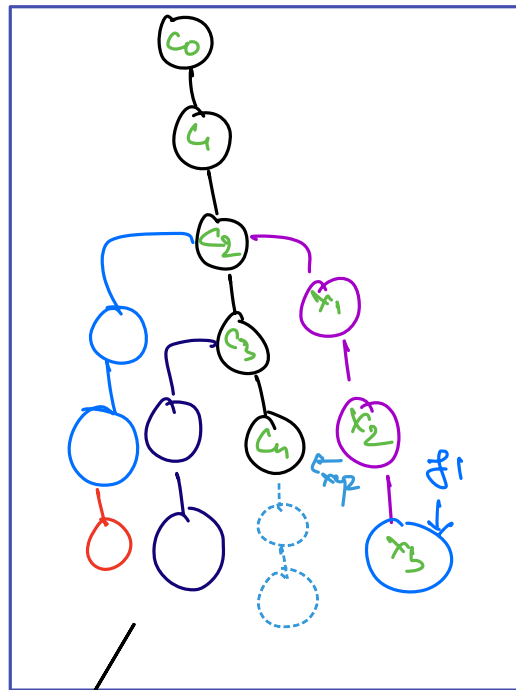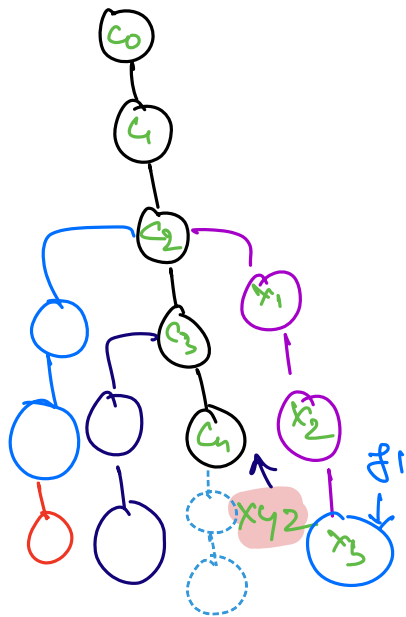
GITHUB.

git clone.
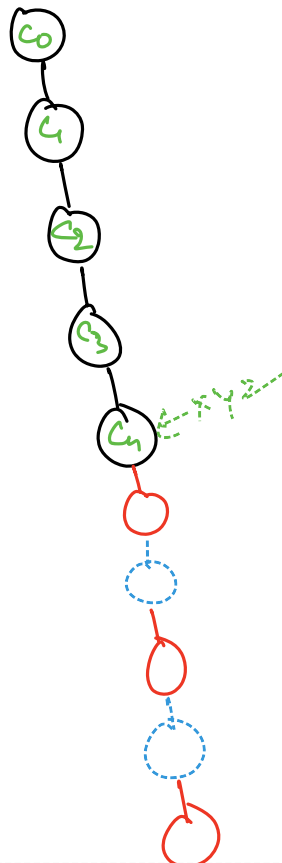
git checkout remote/origin/f1.
git checkout -b f1.

Read Only Copy

remotes/origin/xy2.

Write Copy

GITHUB.

git clone.

1) git fetch
2) git merge.

Git history gets messed up if we use merge.

c_0 c_1 c_2 c_3 c_n f_1 x_2 x_3 exp f_1

c_0 c_1 c_2 c_3 c_n f_1 x_2 x_3 xy_2 f_1

Read Only

Merge $\Rightarrow$ Rebase + Merge

git fetch
git merge $\Big\}$ $\Rightarrow$ git pull
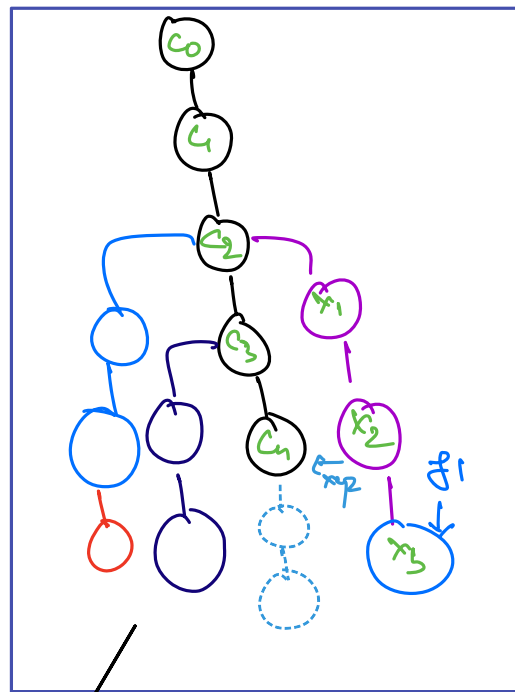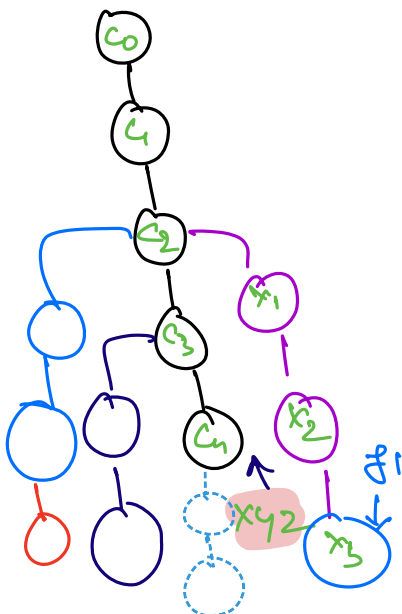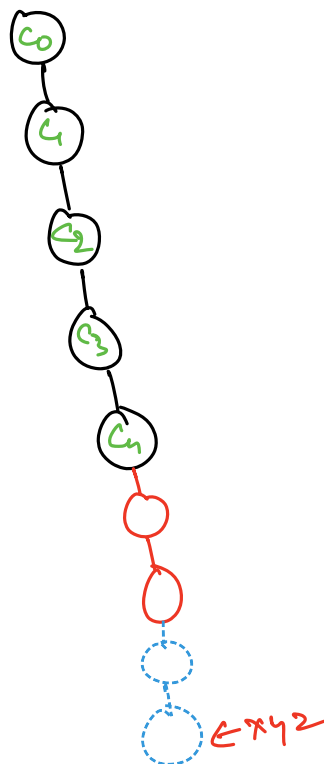
GITHUB.

git
clone.

1. git fetch
2. Rebase.
3. Merge.

git pull -- rebase

A pull request is a proposal to merge a set of changes from one branch into another. In a pull request, collaborators can review and discuss the proposed set of changes before they integrate the changes into the main codebase.

Read Only

←xyz

⇒ Working with GITHUB.

How to Contribute our code on Github.

By default we will not have the access of github repository provided by others.

⇒ Only read access.

① How to create our own github repo.

② How to do the code changes in others github repo.