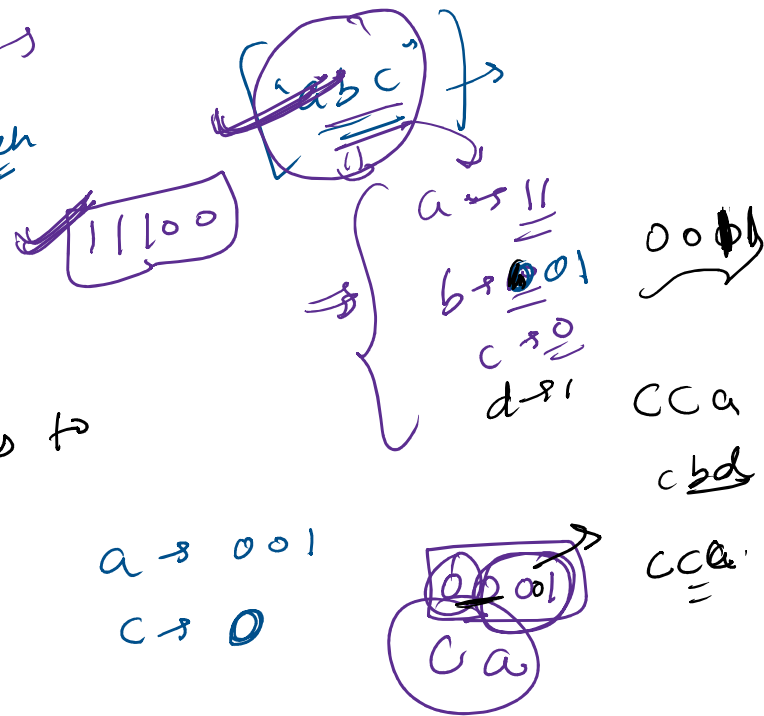
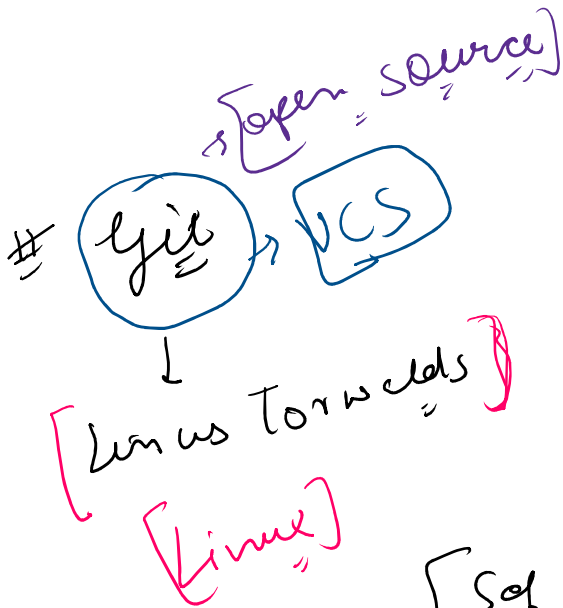


Huffman Encoding }
 ↓
 lossless data compression tech



① [Huffman coding helps us to create unique prefix codes]

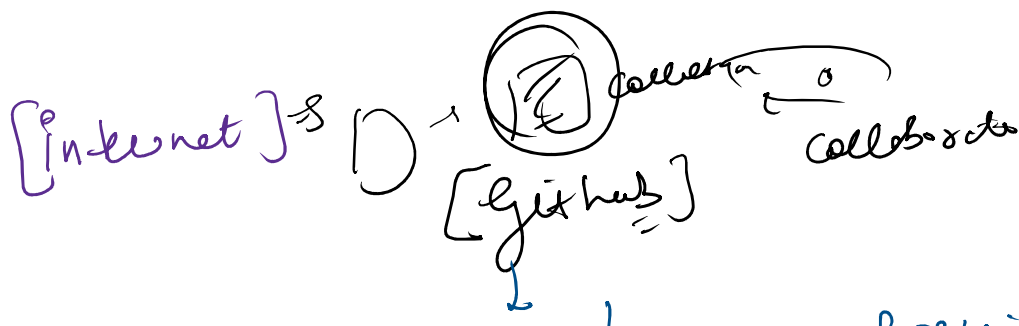
a → 001
c → 0



[Track versions]



[Software that is used to manage and control the versions of a code base.]



website / remote hosting repo
 where we can upload, download,
 collaborate on projects. Its based
 on the concept of git

→ [Bit bucket] is Atlassian]

config

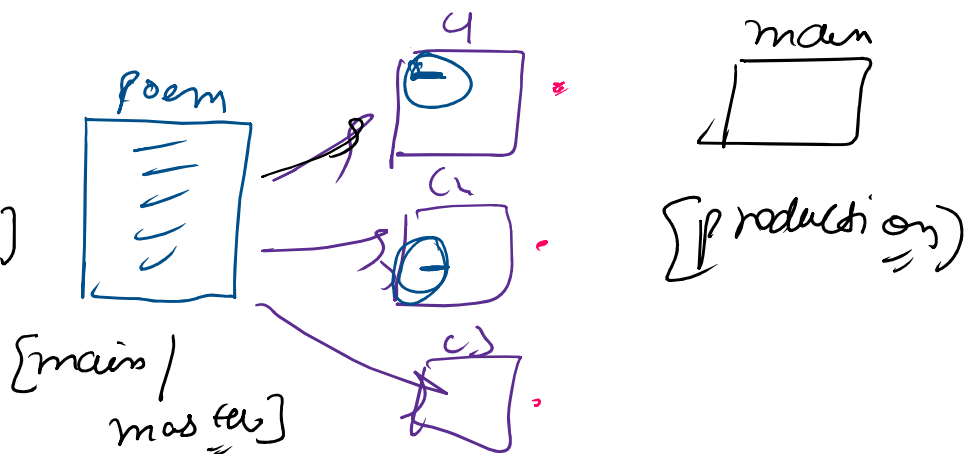
git config --list

git config --global user.name = ^

git config --global user.email = ^

Branching

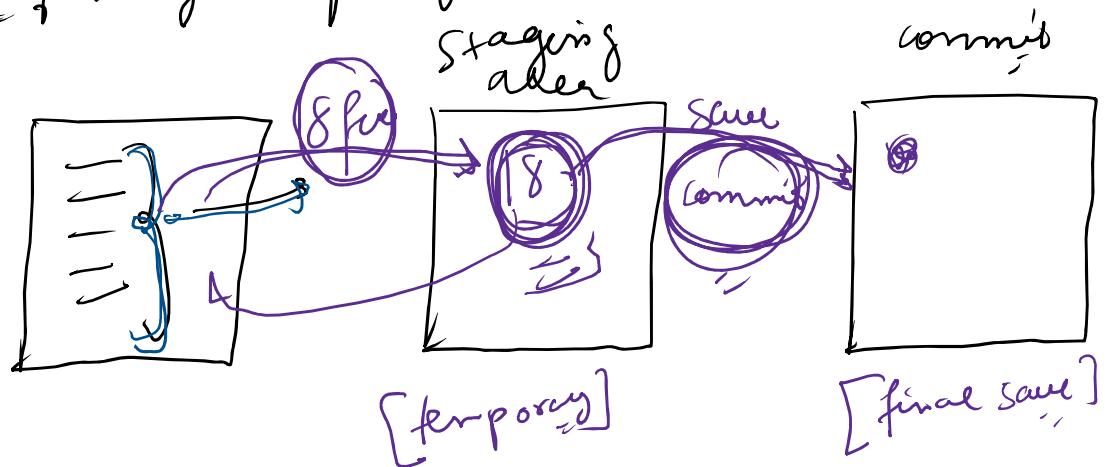
↓
[making copy
of your code]



[git init] tell git please track my project.

{ git init } tell git please track my project.
 [done only once in the entire life cycle of the project.]

⇒ Stages of a git life cycle

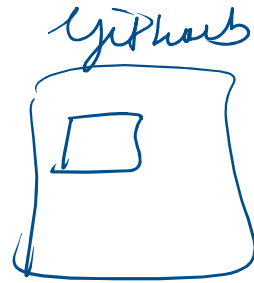


→ git add → bring changes to staging area.

→ git commit (-m) " → [save the staged changes.]
 message

→ unstaging the staged commits →
 git restore --staged.

git hub



[git remote add origin url]

- ⇒ rebase
- ⇒ merge conflicts
- ⇒ Stashing