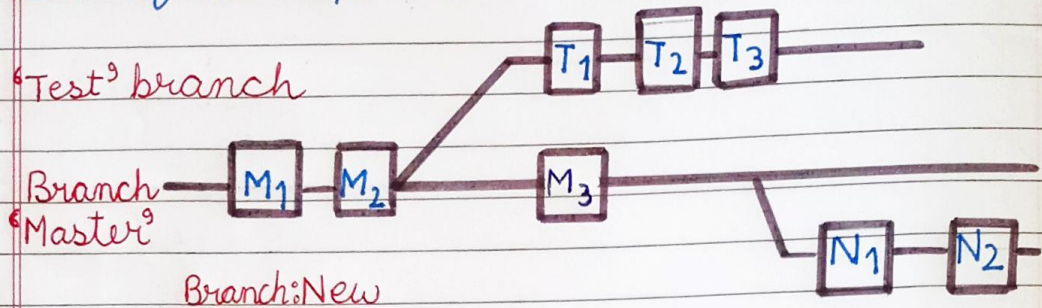


Ch 6 - Branching in Git and creating README

→ Branching is an effective way to create independent line of development.



\$ git branch test → creates a new branch 'test'

\$ git checkout master → Roll back to 'master' (keeping test branch)

\$ git branch -d new → Delete this branch

\$ git -m test test2 → Renames the branch

\$ git merge test2 → Merge master with test2

\$ git branch --merged → shows merged branches

\$ git branch --no-merged → shows unmerged branches

\$ git push -u origin <branchName> → Push this branch to GitHub

\$ git push -d origin <branchName> → Delete this branch from Github

while switching from one branch to the other, you are advised that working tree is clean.

□ Merge conflict

We get this error when 2 branches are getting merged and any line in code is different in both branches. It gets confused which change must take place.

If you use VS Code, you can easily solve this error by clicking on the options it provides.

After this again you need to make the working tree clean.

□ Readme

You might have seen in many repositories a **README.md** file. This is a markdown file that tells some information about the repository.

There are many awesome tools like VS Code, makeareadme.com, dillinger.io, stackedit.io, readme.so etc. to create a README.

If you have a good README, your profile will look much beautiful and you will look professional.

When you have mastered all commands, you can use GitHub Desktop.