

Some of the git commands that we used every day:

- For cloning the repo into your own computer:
git clone repo_url
- For getting the updates from remote repo:
git pull origin main
- For create a new branch on your machine:
git checkout -b "branch_name" (do not forget to add "")
- For adding new files:
git add 'file_name' or git add .
- For make the change permanent before publishing:
git commit -m "write your commit message"
- For publishing your changes into the remote:
git push origin main (if u are working on the main branch)
git push origin your_branch_name (if you want to publish your own branch)
- Switching between branches:
git checkout 'branch_name'
- To get the remote branch:
git fetch --all
- For merging branches:
git checkout 'destination branch'
git merge 'branch_you_want_to_merge'
- For exploring the branch names in your machine:
git branch
- For see the status of the current Directory:
git status

Tutorials for learning git basics with visual example:

1) <https://learngitbranching.js.org/>

2) <https://agripongit.vincenttunru.com/>

Pro Tip #1: Never work directly on the main branch. Always work by creating different branches on your machine. After you are done with your work publish the branch and then merge it. It will save you from messing up the main branch and saves time.

Pro Tip #2: In case of merge conflict do not attempt to resolve it on your own unless you have the clear idea. Resolve with the person whose work is conflicting with your branch.

Pro Tip #3: Never used the option called -f in any command. It stands for 'force.' Some command has this option. It should be avoided as much as possible.

Pro Tip #4: Always check the documents before using any git command. Some of the command are not reversible.