1.Dir : to see all the directory

2.Code .: to start VS code

3.rmdir /s <dir-name> : to dlt non-empty file

4.rmdir <dir-name> : to dlt empty file

5. rm <file-name>

6. Initialize git in a folder to push file from : git init

# To create PR

1.Clone Repo

2.Navigate to Dir

3. **create new Branch for your changes :**git checkout -b <new-branch-name>

4.Make the necessary changes to your files

1. commit your changes git add . and git commit -m "Description of your changes"
2. Push the new branch: git push origin <new-branch-name>

7.you can create a pull request using GitHub’s web interface.

* Go to your repository on GitHub.
* You should see a prompt to create a pull request for the newly pushed branch. If not, navigate to the "Pull requests" tab and click on "New pull request".
* Select the base branch you want to merge into (usually main or master) and the branch you just pushed.
* Add a title and description for your pull request, then click "Create pull request".

# **create a PR from the terminal:**

gh pr create --base <base-branch> --head <new-branch-name> --title "Title of your PR" --body "Description of your PR"

Replace <base-branch> with the branch you want to merge into (e.g., main), and <new-branchname> with the name of your new branch.

# How To push

1**.**list branches :git branch

2.switch to the desired branch : git checkout <branch-name>

3.Add the changes you want to push to the staging area: git add .

Note: add specific files by replacing (.->current file) with the file names

4.Commit Changes: git commit -m "Your commit message"

5.Push the changes : git push origin <branch-name>

# How to Delete a file

1. Navigate to Your Repository
2. Switch to your branch from which you want to delete a file : git checkout <branch-name>
3. Delete the File : rm <file-name>
4. Add the deletion to the staging area: git add <file-name>
5. Commit the Changes : git commit -m "Delete <file-path>"
6. Push the Changes : git push origin <branch-name>

#Additional

1.Merger branch: git merge <branch-name>

2. delete a branch: git branch -d <branch-name>

3. Force delete a branch: git branch -D <branch-name>

4. View Commits History : git log

5. View a Specific Commit: git show <commit-hash>

6. View Differences between commits : git diff and git diff <branch-name>

7. Revert a Commit: git revert <commit-hash>

8. Reset to a Previous Commit: git reset --hard <commit-hash> and git reset --soft <commit-hash>

**Stash**

9. when you need to change your branch to work on something you can stash all the untracked file of current branch

9.1 Stash your changes: git stash

9.2 Switch Branch : git checkout <your-branch-name>

9.3 switch back to your prev branch: git checkout <branch-name>

9.4 Reapply your stashed changes and continue working: git stash apply

10. To include untracked files in the stash : git stash -u

11 List all the stashes you have saved: git stash list

12. Apply the most recent stash to your working directory : git stash apply

13. To apply a specific stash: git stash apply stash@{n} where n is stash number from the list.

14. Apply the most recent stash and remove it from the stash list: git stash pop

15. Remove a specific stash from the list without applying it: git stash drop stash@{n}

16. To drop the most recent stash : git stash drop

17. Remove all stashes : git stash clear

**Add tag to commits**

1.Lightweight Tags(They do not have any extra information like who created the tag or when it was created) : git tag <tag-name>

2. Annotated Tags (tags contain metadata, including the tagger’s name, email, date, and a tagging message) : git tag -a <tag-name> -m "Tag message"

3. Creating a Tag: git tag <tag-name> for Lightweight tag

git tag -a <tag-name> -m "Tag message" for Annotated tag

4. Listing Tags: git tag

5. Showing Tag Details:git show <tag-name>

6. Pushing Tags: git push origin <tag-name>

7. To Push all tags : git push --tags

7.Deleting a Tag: git tag -d <tag-name>

git push origin :refs/tags/<tag-name> for Delete tag from remote

8.Checkout a tag: git checkout <tag-name>