

github commands

1. **ls** : List all the files and directories under a specific directory
2. **cls** : Clear a screen
3. **git config --global user.email** : **git config --global user.email vj620699@gmail.com**
4. **git config --global user.name** : **git config --global user.name Vaishnavi**
5. **history** : All used commands
6. **git status** : Displays the state of the working directory and the staging area, showing changes that are staged, unstaged, or untracked.
7. **git add <file name>** : Adds changes in the working directory to the staging area.
8. **Git add -A** : To stage all changes.
9. **git init** : Initializes a new Git repository in the current directory.
10. **ls -lart** : To list information about files and directories within the file system.
11. **git commit -m "commit message"** : Records changes in the repository with a message.
12. **git log** : Shows the commit history for the repository.
13. **git diff** : Displays differences between the working directory and the staging area, or between commits.
14. **git diff --staged** : To show the difference between the files in the staging area and the last commit.
15. **git branch** : Lists all branches in the repository.
16. **git branch <branch_name>** : to create a new branch.
17. **git checkout <branch_name>** : Switches to the specified branch and updates the working directory to match.

18. **git checkout -b <filename> : To create a new file and switch to it.**
19. **git checkout -f : Switch branches or restored files in your working directory**
20. **git log -p -1 : To view the commit history showing the changes introduced in the most recent.**
21. **git clone <repository_url> : Clones an existing repository from a remote server to your local machine.**
22. **git merge <branch_name> : Merges the specified branch's history into the current branch.**
23. **touch <file name> : To create an empty file.**
24. **git rm <file name> : To remove file from git repository. Delete file from both the working directory and staging area .**
25. **git rm --cached : To remove file from staging area and stop tracking it in the git repository.**
26. **.gitignore : In git repositories should be ignored by git.**