Git & GitHub Commands Cheat Sheet

1. Basic Git Setup

  - git config --global user.name "Your Name"

  - git config --global user.email "your@email.com"

2. Create a Git Repository

  - git init

3. Clone a Repository (from GitHub)

  - git clone <repo-url>

4. Check Repo Status

  - git status

5. Track & Stage Changes

  - git add <filename>

  - git add .

6. Commit Changes

  - git commit -m "Your commit message"

7. View Commit History

  - git log

  - git log --oneline

8. Branching

  - git branch

  - git branch <branch-name>

  - git checkout <branch-name>

  - git checkout -b <branch-name>

9. Merging

  - git merge <branch-name>

10. Push to GitHub

  - git remote add origin <repo-url>

- git push -u origin main

- git push

11. Pull from GitHub

- git pull origin main

12. Undoing Changes

- git reset <file>

- git checkout -- <file>

- git reset --hard HEAD

13. Stashing Work

- git stash

- git stash apply

14. Deleting Branch

- git branch -d <branch-name>

- git branch -D <branch-name>

15. GitHub Tips

- Use GitHub to fork repos, create pull requests, raise issues.

- Always pull before pushing. Use meaningful commit messages.