Configuration Commands

git config -- global user.name your-username - to change username

git config -- global user.email your-email - to change email

git config user.name - to check username

git config user.email - to check email

Creating Repos

git init - initialize local git repo

Committing

git status - shows which files are in the staging area

git add filename - stages file

gi commit -m "commit message" - Committing files in the staging area

git rm --cached filename - removes a file from staging area

git reset - removes all files in the staging area

git log - see commit history

git log --oneline - shortens commit history

Branching

git branch newBranchName - create a new branch

git branch -a - list all branches

git switch branchName - switches to a branch

git merge branchName - merges branch into branch we are on

git branch -d branchName - deletes branch if merged in master branch

git checkout commitID - seeing state of the code in a particular commit

Remote Repositories

git remote add origin URLtoRemoteRepo - link remote repo to local repo

git branch -M main - renaming 'master' branch to 'main'

git push -u origin main - pushing into origin main branch