

DAY-3 TASK

GIT COMMANDS (CheatSheet)

SETUP & INIT

1. `git --version` → to check git version
2. `git config --global user.name "<username>"` → to set user name.
3. `git config --global user.email "<email id>"` → to set user email.
4. `mkdir <name>` → to make a new directory
5. `git init` → to make new repository

BRANCH & MERGE

1. `$ git branch [branch -name]` → create a new branch at the current commit
2. `$ git branch` → list out ur branches in active branch
3. `$ git log` → show all commits in the current branch's directory
4. `$ git checkout` → switch to another branch

SHARE & UPDATE

1. `$ git remote add [alias] [url]` → add a git URL as an alias
2. `$ git fetch [alias]` → fetch down all the branches from that git remote
3. `$ git push [alias] [branch]` → transmit local branch commits to the remote repository branch
4. `$ git pull` → fetch and merge any commits from the tracking remote branch

Working WITH DIRECTORY

1. `$ git add <filename or dir>` → Add a file or directory to git for tracking
2. `$ git add .` → Add all untracked or tracked files inside the current directory to git
3. `$ git rm <<filename or dir>` → Removing a file from a working directory or staging area

SAVING WITH WORKING AND CHANGES

1. `$ git status` → See changes in the local repository
2. `$ git commit -m "[commit message]"` → To commit

TEMPORARY COMMITS

1. `$ git stash` → save modified and staged changes
2. `$ git stash drop` → discard the changes from top to stash stack
3. `$ git stash list` → list order of stashed file changes

REWRITE HISTORY

1. `$ git rebase [branch]` → apply an commits of current branch ahead
2. `$ git reset --hard [commit]` → clear staging area