**Git Commands**

**This Git contains all the useful commands for Git**

Version control is a system that records changes to a file or set of files over time so that you can recall specific versions later.

If you are a developer and want to keep every version of your code/project (which you would most certainly want to), a Version Control System (VCS) is a very wise thing to use.

* All the commands used for Git
* Compatibility with GitHub

**Commands**

**##Set global username and email for Git (Locally).**

git config --global user.name "<your username>"

git config --global user.email "<your email>"

**##Initialise an empty Git Repository**

git init

**##Clone an existing Git Repository**

git clone <repository URL>

**##Add file/stage to git**

git add <filename>

**##Add all the files to git**

git add .

**##Commit all the staged files to git**

git commit -m "<your commit message>"

**##Restore the file from being modified to Tracked**

git restore <filename>

git checkout <filename>

**##Show the status of your Git respository**

git status

**##Show the branches of your git repository**

git branch

**##Checkout to a new branch**

git checkout -b <branch name>

**##Checkout to an existing branch**

git checkout <branch name>

**##Remove a branch from Git**

git branch -d <branch name>

**##Show remote origin URL**

git remote -v

**##Add remote origin URL**

git remote add origin <your remote git URL>

**##Remove remote origin URL**

git remote remove origin

**##Fetch all the remote branches**

git fetch

**##Push your local changes to remote branch**

git push origin <branch name>

**##Pull your remote changes to local branch**

git pull origin <branch name>

**##Check you git commits and logs**

git log

### Create a new repository on the command line

echo "# Resources" >> README.md

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/sharmaashish63/Resources.git

git push -u origin main

…or push an existing repository from the command line

git remote add origin https://github.com/sharmaashish63/Resources.git

git branch -M main

git push -u origin main