

GIT - Version Control System is a tools that help to track changes in code Git is a Version Control System.it is free and open source

Github - Website that allows developers to store and manage their code using Git.

Repository - its is like a folder where our projects are stored or saved also called Repo

crete a new repository - vikash-068

```
git config --global user.name "vikashyadav17"
```

```
git config --global user.email "yadavvikash9550@gmail.com"
```

```
git config --list
```

clone - cloning a repository on our local machine

```
git clone <-https://github.com/vikashyadav17/vikash-068.git->
```

status - displays the state of the code

```
git status
```

untracked - new files that git doesn't yet track

modified - changed

staged - file is ready to be committed

unmodified - unchanged

add - adds new or changed files in your working directory to the git staging area

```
git add <-README.md->
```

commit - its is the record of change

```
git commit -m"Add new paragraph"
```

Push command - push-upload local repo content to remote repo

```
git push origin main
```

init - used to create a new git repo

git init

git remote add origin <<https://github.com/vikashyadav17/localrepo.git>>

git remote -v

git branch

git branch -M (to rename branch)

git push origin main

Branch Commands

git branch

git branch -M main

git checkout <-branch name->

git checkout -b <-new branch name->

git branch -d branch name->