

# Git command

27 April 2022

09:44

## Git commands

### git --version

to make local folder as local repository we have to run the command as

git init : This command is use to create the local repository. (only one time).

git status : This command is use to display last command status.

git add filename : This command is use to add the file from local folder to git staging area.

git add . : all files and folder present in current directory.

git commit -m "Message" : This command is use to send the file from staging area to local repository.

```
git config --global user.email "akash300383@gmail.com"
```

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

if we do any changes

```
git add .
```

```
git status
```

```
git commit -m "message"
```

Github is one of the remote repository

Connecting local repository with remote repository

```
git remote add origin URL
```

```
git push -u origin HEAD
```

to check remote repository URL

### git remote show origin

to push the data from local repository to remote repository we have to run the command as

connect the virtual lab

create folder

create file with data

```
git init
```

```
git add .
```

```
git commit -m "message"
```

**git branch** : git branch is like a pointer.

git branch is use to keep or hold more than one commit details.

Default branch may **main** or **master**.

```
---[C---[C---[C A branch
```

```
---[commit---[commit---[commit-[
```

```
--[C-[C B---Branch
```

To create user-defined branch

```
git branch branchName
```

to check all branch details as well as current branch details.

```
git branch
```

To switch from one branch to another branch

**git checkout branchName**