

<https://coreyms.com/>

You tube link

<https://www.youtube.com/watch?v=HVsySz-h9r4&t=739s>

Two type of Repository:

SVN: central version control system

GIT: Distributed version control system.

//To get current git version install in system

git --version

//Update default code check-in signature

git config --global user.name "UserName"

git config --global user.email "negi.yaten@gmail.com"

//Get configuration for check-in details

git config --list

//Get help

git help <verb>

git <verb> --help

I.e

git help config

git config --help

//Initialize a repository from an existing code

git init

//List of files

ls

//List all of the files in directory

ls -la

//stop tracking

rm -rf .git

//Before commit anything

git status

//Git ignore these files to be track

touch .gitignore

//to ignore files

```
git rm --cached filename
```

I.e

```
git rm --cached *.exe
```

//Stage the changes

```
git add filename
```

```
git add -A
```

//Unstage files

```
git reset filename
```

//reset all files

```
git reset
```

//To see the changes

```
git diff
```

//Git commit

```
git commit -m "description"
```

//To see the commit log

```
git log
```

//Clone a local or remote repository

```
git clone <url> <where to copy>
```

```
git clone https://github.com/nyatender/C\_Plus\_Plus\_coding.git .
```

// . means current directory

//View remote directory

```
git remote -v
```

//To see all the branches

```
git branch -a
```

//To create a branch

```
git branch branch-name
```

//To checkout branch
git checkout branch-name

//To merge a local branch into master branch
git branch --merged

//To delete a branch
git branch -d branchName

//Push merged/delete changes in to remote repository
git push origin --delete branchName