git init -- > It provides frequently used several git commands

git help -- > It opens documentation of that particular command

git help <cmd-name> ---- > It is used to create empty repository or re-initialize exsting repo

git status -- > This command will display status of current repository

Staged Files

Files which are added and they are ready to commit

Un-Staged Files

Modified files will be displayed here, we need to stage these files to commit

Un-Tracked Files

Newly created files, we need to stage them to commit

Newly created files, we need to stage them to commit

These file names also will be displayed in red color

git add : This command is used to add file to staging area

syntax : git add <file-name>

syntax : git add -- a

To add all files at a time

git rm : This command is used to un-stage newly created files

Syntax : git rm -- cached <filename>

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

---- To commit our files to remote repository we should execute below commands

git commit -m "Updated GIT documentation"

1) git remote add <repo-url> (this requires only first time)

2) git push -u origin master (This is used to move changes from local to central)

git reset : It is used to unstage a file

syntax : git reset HEAD <file-name>

git checkout : It is used to discard changes done in a file

syntax : git checkout -- <file-name>

-> Whenver we commit, git will generate commit-id

-> Commit ID contains 40 alphanumerics characters

-> From 40 alphanumeric characters it will display first 7 characters to us

-> To check commits history we will use git log command

syntax : git log

-> In logs it will display below details

a) commit-id

b) author

c) timestamp

d) commit msg