

## GitHub

**Q. Can you explain how you are managing Code management and how you are using GitHub in your project?**

**A. We are following GitHub for code Repository Management Tool.**

**\*We will create the local branch in my system and if there is any untracked changes and untracked files to move from untracked to staged area.**

**\*To move the files from untracked to staged area we can use "git add ." command.**

**\* If we want to move particular file we can use "git add 'filename' ". So, that it can be moved to untracked changes to staging area.**

**\*After that we can run "git status" command so, that we can know whether the files are available in staging area or not.**

**\*Later, if we want to move the files from staging area to local repository I can run "git commit" and "commit message". So, that the files can moved from staging area to local repository.**

**\*Once files are available in local repository, we can use "git status" command whether the files are available or not.**

**\*To move my changes from "local" repository to "master" repository we can use "git merge local repository". So, that all changes can be reflected in master repository.**

**\*Once files are available in Master Repository we can use "git remote add master" command and we can specify the remote URI.**

**\*So, that my master repository is pointed to remote repository. We can use "git push" command. so, that all changes can be pushed to remote repository. If we want to extract all the latest changes we can use "git pull" command. In this way we can use PULL and PUSH the code from GITHUB.**

## GitHub Commands

**\*git init command is used to create a local repository**

**\*git clone command is used to create a local copy of remote repository**

**\*git branch branchname is used to create local branch/ To create a new branch.**

**\*git status is used to check the status.**

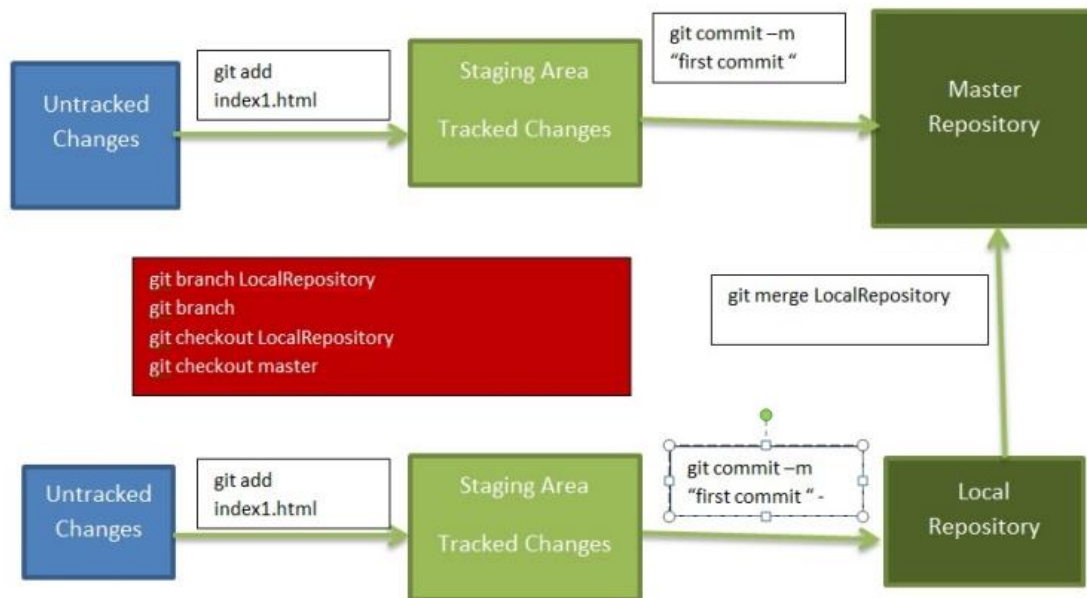
**\*git stash is used when I want to move some unnecessary files to temporary location.**

**\*git checkout local repository is used when I want to switch from local branch to master branch**

**\*git checkout master repository is used when I want to switch to master repository.**

**In this way we are using the github commands in git bash.**

**So, Like that we are using the git commands to switch into the required repositories and managing pulling and pushing the code repository in Github.**



<https://github.com/sudhakarh2009/Orange65.git>

