"Assignment 1: Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.

$ git init

- ✓ Git now knows that it should watch the folder you initiated it on. Git creates a hidden folder to keep track of changes.

$ git remote add origin https://github.com/Kanchan-Wagh/Wipro-RPS.git

$ git add .

- ✓ It will add files/folders from current folder to the cache/local git repository / stage
- ✓ This action is known as staging

$ git status

- ✓ It is to check status of added files or to check which set of files staged/added and which set of files unstaged/not added.

$ git commit -m "Adding Hi Hello Bye, by Kanchan"

- ✓ It will store/save all files and folders into local git repository.
- ✓ and ready to push to the remote repository

$ git push origin master

- ✓ It will push all files and folders from local repo to the remote repository which is presented by nick name/alias name "origin" , and "master" is the branch name.
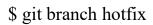
Assignment 2: Branch Creation and Switching

Create a new branch named 'feature' and switch to it. Make changes in the 'feature' branch and commit them.

$ git branch feature

$ git checkout feature

$ mkdir test

$ ls

$ git add .

$ git status

$ git commit -m "Sai added file"

$ git push origin feature

Assignment 3: Feature Branches and Hotfixes

Create a 'hotfix' branch to fix an issue in the main code. Merge the 'hotfix' branch into 'main' ensuring that the issue is resolved."

$ git branch hotfix

$ git checkout hotfix

$ git checkout master

$ git merge hotfix