

GitHubAssignment

Assignment 1:

1. mkdir WiproTraining - Directory created in local machine
2. cd WiproTraining - Change Directory
3. git init - initialized repository
4. vi demo.txt - created a file
5. git add . - added a change in working directory to staging area
6. git commit -m "first commit" - created commit
7. git remote add origin <https://github.com/Dhrubangshu/WiproTraning> - Added a new remote connection to the repository.
8. git push origin main - pushed changes to the remote repository from local repository.

Assignment2:

The following commands are used to for branch creation and switching in the above repository:

1. git branch - checked the current branch
2. git checkout -b feature - created a new branch and switched from main to feature
3. vi example.txt - created a file
4. git add example.txt - added a change to staging area
5. git commit -m "In feature after switching" - created commit
6. git push origin main - pushed the changes

Assignment3:

The issue was a typo issue in intro.txt(in main branch) which had text inside it "Hello" corrected to "Hellow"(from feature branch).

The following commands were used for hotfix:

1. git branch - checked branch which was in feature branch
2. git checkout -b hotfix feature - created a branch and switched
3. git add intro.txt - corrected file of the main branch file
4. git commit -m "Fixing" - created commit
5. git checkout main - switched from hotfix to main branch
6. git merge hotfix - merged hotfix branch into main branch
7. git push origin main - pushed the changes in the repository.