

Git Assignment

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.

```
--> mkdir wipro
--> cd wipro
--> git init
--> vi file.txt
    Type i
    I am writing in the file for some reference
    esc :wq
--> git add .
--> git commit -m "first commit"
```

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
--> vi file.txt
    I am updating in feature branch
--> git add .
--> git commit -m "second commit on file1.txt in feature branch"
```

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 checkout -b hotfix-branch main
--> git add .
--> git commit -m "Fixed the issue"
--> git checkout main
--> git merge hotfix-branch
```