

GIT ASSIGNMENT

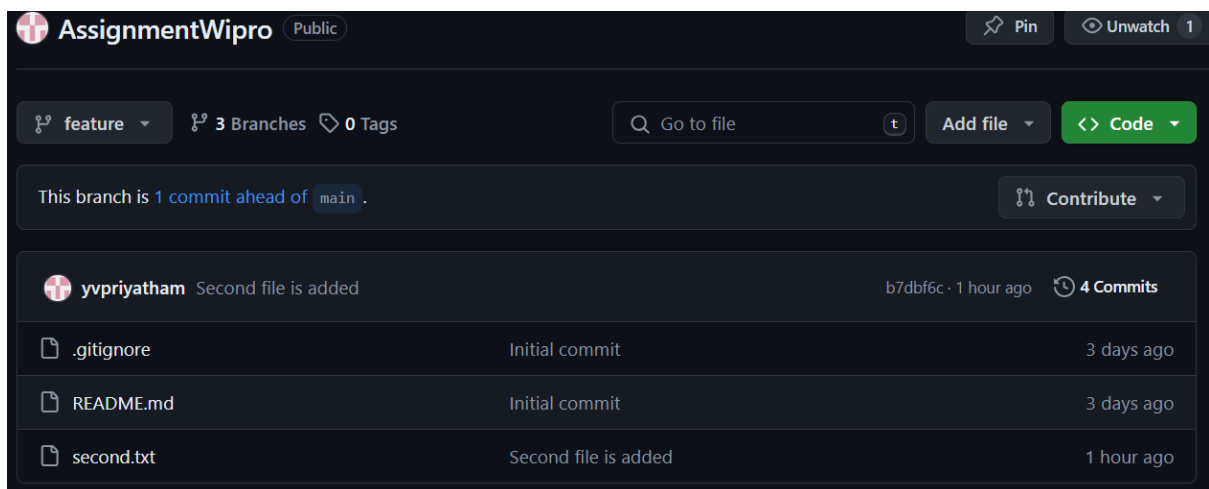
"Assignment 1: Initialize a new Git repository in a directory of your choice. Add a simple text file to the repository and make the first commit.

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.

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."



```
ARATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (main)
$ git branch feature

ARATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (main)
$ git checkout feature
Switched to branch 'feature'

ARATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (feature)
$ vim second.txt

ARATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (feature)
$ cat second.txt
good morning

ARATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (feature)
$ git status
On branch feature
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    second.txt

nothing added to commit but untracked files present (use "git add" to track)

ARATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (feature)
$ git add .
warning: in the working copy of 'second.txt', LF will be replaced by CRLF the ne
xt time Git touches it

ARATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (feature)
$ git commit -m"Second file is added"
[feature b7dbf6c] Second file is added
1 file changed, 1 insertion(+)
create mode 100644 second.txt
```

```
RATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (hotfix/issues
description)
. git merge feature
Updating 815e16a..b7dbf6c
Fast-forward
 second.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 second.txt

RATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (hotfix/issues
description)
. giut ls-files
ash: giut: command not found

RATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (hotfix/issues
description)
. git ls-files
gitignore
EADME.md
econd.txt

RATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (hotfix/issues
description)
. cat second.txt
good morning

RATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (hotfix/issues
description)
. vim second.txt

RATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (hotfix/issues
description)
. git status
On branch hotfix/issues-description
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   second.txt

no changes added to commit (use "git add" and/or "git commit -a")

RATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (hotfix/issues
description)
. git add .

RATHI GUPTA@DESKTOP-KKF7U6K MINGW64 /e/mygitfold/AssignmentWipro (hotfix/issues
description)
. git commit -m"Modified in main file"
hotfix/issues-description d963b88] Modified in main file
1 file changed, 2 insertions(+)
```