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Topic – Git/Github Assignment : 03

Batch - DATACOM+5G Dev

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Assignment 3: Feature Branches and Hotfixes

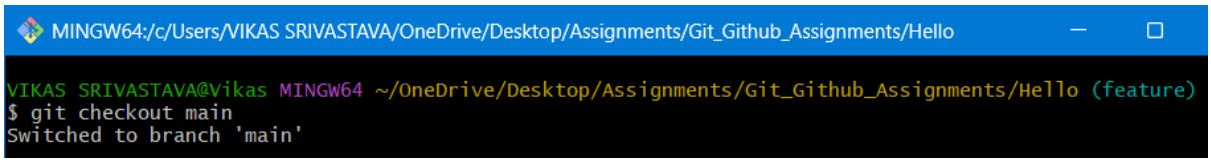
Create a 'hotfix' branch to fix an issue in the main code. Merge the 'hotfix' branch into 'main' ensuring that the issue is resolved.

Solution : Follow these steps :

1. Open the command prompt or Git Bash and navigate to the Git repository.

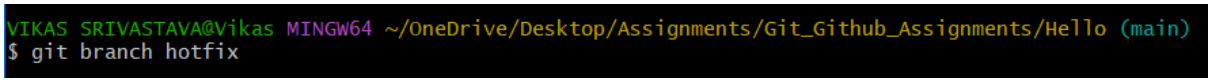
2. Make sure you are on the main branch:

- ***git checkout main***



3. Create a new branch named feature using:

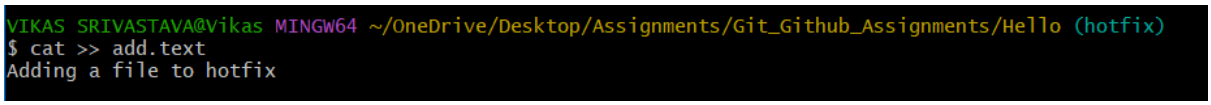
- ***git branch hotfix***



4. Switch to the hotfix branch:

- ***git checkout hotfix***

5. Fix the issue by editing an existing file or correcting the code.



6. Add the fixed files to the staging area:

- ***git add.***

7. commit the fix:

- ***git commit -m "Fixed files"***

```
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello (hotfix)
$ git commit -m "Fixed files"
[hotfix e63ac9d] Fixed files
 1 file changed, 1 insertion(+)
 create mode 100644 add.text
```

8. Switch back to main branch:

- ***git checkout main***

```
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello (hotfix)
$ git checkout main
Switched to branch 'main'
```

9. Merge the hotfix branch into main:

- ***git merge hotfix***

```
VIKAS SRIVASTAVA@Vikas MINGW64 ~/OneDrive/Desktop/Assignments/Git_Github_Assignments/Hello (main)
$ git merge hotfix
Updating 8c7f128..e63ac9d
Fast-forward
 add.text | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 add.text
```