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.

```
manoj@DESKTOP-8UIN63I MINGW64 ~/Desktop/GIT (feature)
$ git checkout -b hotfix main
Switched to a new branch 'hotfix'

manoj@DESKTOP-8UIN63I MINGW64 ~/Desktop/GIT (hotfix)
$ git add .

manoj@DESKTOP-8UIN63I MINGW64 ~/Desktop/GIT (hotfix)
$ git commit -m "fixed issue in the main code"
On branch hotfix
nothing to commit, working tree clean

manoj@DESKTOP-8UIN63I MINGW64 ~/Desktop/GIT (hotfix)
$ git push -u origin hotfix
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'hotfix' on GitHub by visiting:
remote:      https://github.com/priyanshu22-cyber/GIT/pull/new/hotfix
remote:
To https://github.com/priyanshu22-cyber/GIT.git
 * [new branch]      hotfix -> hotfix
branch 'hotfix' set up to track 'origin/hotfix'.

manoj@DESKTOP-8UIN63I MINGW64 ~/Desktop/GIT (hotfix)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

manoj@DESKTOP-8UIN63I MINGW64 ~/Desktop/GIT (main)
$ git merge hotfix
Already up to date.
```