

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.

```
Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment
$ cd git_assign

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign
$ git init
Initialized empty Git repository in E:/GitHubAssignment/git_assign/.git/

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (master)
$ git add file.txt

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (master)
$ git remote add origin https://github.com/Lokeshsasikumar/GitAssignment

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (master)
$ git 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.

```
Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (master)
$ git branch feature

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (master)
$ git checkout feature
Switched to branch 'feature'

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (feature)
$ git add .

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (feature)
$ git commit
On branch feature
nothing to commit, working tree clean

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (feature)
$ git commit -m'feature created'
On branch feature
nothing to commit, working tree clean

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (feature)
$ git add .

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (feature)
$ git commit -m'feature created'
[feature 533d9b4] feature created
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 featurefile.txt

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (feature)
$ git push origin feature
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 248 bytes | 248.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature' on GitHub by visiting:
remote:   https://github.com/Lokeshsasikumar/GitAssignment/pull/new/feature
remote:
To https://github.com/Lokeshsasikumar/GitAssignment
 * [new branch]   feature -> feature
```

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.

```
[hotfixes 7620a7a] issue resolved.....
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 issue.txt


Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (hotfixes)
$ git push origin hotfixes
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 242 bytes | 242.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'hotfixes' on GitHub by visiting:
remote:   https://github.com/Lokeshsasikumar/GitAssignment/pull/new/hotfixes
remote:
To https://github.com/Lokeshsasikumar/GitAssignment
 * [new branch]      hotfixes -> hotfixes

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (hotfixes)
$ git checkout master
Switched to branch 'master'

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (master)
$ git merge hotfixes
Updating 5bd2526..7620a7a
Fast-forward
 featurefile.txt | 0
 issue.txt       | 0
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 featurefile.txt
create mode 100644 issue.txt

Lokesh@DESKTOP-2IVLMNQ MINGW64 /e/GitHubAssignment/git_assign (master)
$
```

Hotfixes added #1


 **Open** Lokeshsasikumar wants to merge 2 commits into `master` from `hotfixes`

Conversation 0


Commits 2


Checks 0


Files changed 2


 Lokeshsasikumar commented now Owner ...


issue resolved



 Lokeshsasikumar added 2 commits 5 minutes ago

 feature created 533d9b

 issue resolved..... 7620a7

 **No conflicts with base branch**
Merging can be performed automatically.

Merge pull request You can also merge this with the command line. [View command line instructions.](#)

Merged

Hotfixes added #1
Lokeshsasikumar merged 2 commits into master from hotfixes now

Lokeshsasikumar commented 1 minute ago

Owner

...

issue resolved

Lokeshsasikumar added 2 commits 6 minutes ago

feature created533d9b4

issue resolved.....7620a7a

Lokeshsasikumar merged commit 3780913 into master now

Revert

Pull request successfully merged and closed

You're all set — the hotfixes branch can be safely deleted.

Delete branch

Add a comment

Lokeshsasikumar / GitAssignment

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master 3 Branches 0 Tags

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+<> Code

Lokeshsasikumar Merge pull request #1 from Lokeshsasikumar/hotfixes 3780913 · 1 minute ago 4 Commits

featurefile.txtfeature created7 minutes ago

file.txtFiles added sucessfully.....13 minutes ago

issue.txtissue resolved.....5 minutes ago

README