

1. Verify if master is in clean state.
2. List out all the available branches.
3. Pull the remote git repository to the master
4. Push the changes, which are pending from “Git-T03-HOL_002” to the remote repository.
5. Observe if the changes are reflected in the remote repository

```
MINGW64/c/Users/Admin/GitDemo
$ AC

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git checkout main
Already on 'main'
Your branch is ahead of 'origin/main' by 5 commits.
(use "git push" to publish your local commits)

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git merge Gitwork
Auto-merging hello.xml
CONFLICT (content): Merge conflict in hello.xml
Automatic merge failed; fix conflicts and then commit the result.

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main|MERGING)
$ git add hello.xml

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main|MERGING)
$ git commit
[main 73e7bd9] Merge branch 'Gitwork'

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git branch -d Gitwork
Deleted branch Gitwork (was 1ec53a4).

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 9 commits.
(use "git push" to publish your local commits)

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:   Hello.xml

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

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git push origin main
Enumerating objects: 27, done.
Counting objects: 100% (27/27), done.
Delta compression using up to 4 threads
Compressing objects: 100% (21/21), done.
Writing objects: 100% (25/25), 2.38 KiB | 221.00 KiB/s, done.
```

```
MINGW64/c/Users/Admin/GitDemo
$ AC

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git checkout main
Already on 'main'
Your branch is ahead of 'origin/main' by 5 commits.
(use "git push" to publish your local commits)

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git merge Gitwork
Auto-merging hello.xml
CONFLICT (content): Merge conflict in hello.xml
Automatic merge failed; fix conflicts and then commit the result.

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main|MERGING)
$ git add hello.xml

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main|MERGING)
$ git commit
[main 73e7bd9] Merge branch 'Gitwork'

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git branch -d Gitwork
Deleted branch Gitwork (was 1ec53a4).

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 9 commits.
(use "git push" to publish your local commits)

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:   Hello.xml

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

Admin@DESKTOP-N2DRSBN MINGW64 ~/GitDemo (main)
$ git push origin main
Enumerating objects: 27, done.
Counting objects: 100% (27/27), done.
Delta compression using up to 4 threads
Compressing objects: 100% (21/21), done.
Writing objects: 100% (25/25), 2.38 KiB | 221.00 KiB/s, done.
```

Git merge conflict resolution

sid15042004/demoRepo

Inbox (958) - sidarth15042004

Your GitHub launch code

Cognizant-Hands-on-Exercises

github.com/sid15042004/demoRepo

sid15042004 / demoRepo

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demoRepoPublic

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main1 Branch0 Tags

Go to file

Add fileCode

sid15042004 Merge branch 'GitWork'73e7bd9 · 5 minutes ago12 Commits

.gitignore

Ignore merge backup files

17 minutes ago

Hello.xml

add Hello.xml in main branch with different content

44 minutes ago

branchfile.txt

add branchfile.txt in GitNewBranch

1 hour ago

hello.xml

Merge branch 'GitWork'

5 minutes ago

welcome.txt

Added welcome.txt file

1 hour ago

README

Add a README

Help people interested in this repository understand your project by adding a README.

About

No description, website, or topics provided.

Activity

0 stars

0 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

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11:24

12-09-2025