

3.Git-HOL

```
rohit@SAI_ROHITH MINGW64 ~
$ cd ~/Desktop/Cognizant/Gitworkspace/GitDemo

rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/Gitworkspace/GitDemo (master)
$ git checkout master
Already on 'master'
Your branch is ahead of 'origin/master' by 1 commit.
    (use "git push" to publish your local commits)

rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/Gitworkspace/GitDemo (master)
$ git checkout -b GitNewBranch
Switched to a new branch 'GitNewBranch'

rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/Gitworkspace/GitDemo (GitNewBranch)
$ echo "This file is added in GitNewBranch from master" >
branch_change.txt

rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/Gitworkspace/GitDemo (GitNewBranch)
$ git add branch_change.txt
warning: in the working copy of 'branch_change.txt', LF will be
replaced by CRLF the next time Git touches it

rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/Gitworkspace/GitDemo (GitNewBranch)
$ git commit -m "Add branch_change.txt in GitNewBranch"
On branch GitNewBranch
nothing to commit, working tree clean

rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/Gitworkspace/GitDemo (GitNewBranch)
$ git push origin GitNewBranch
warning: redirecting to
https://gitlab.com/rohithaddanki/gitdemo.git/
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 386 bytes | 193.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for GitNewBranch, visit:
remote: https://gitlab.com/rohithaddanki/gitdemo/-
/merge_requests/new?merge_request%5Bsource_branch%5D=GitNewBranch
remote:
```

To <https://gitlab.com/rohithaddanki/gitdemo>
* [new branch] GitNewBranch -> GitNewBranch

```
MINGW64/c/Users/rohit/Desktop/Cognizant/GitWorkspace/GitDemo
rohith@SAI_ROHITH MINGW64 ~
$ cd ~/Desktop/Cognizant/GitWorkspace/GitDemo
rohith@SAI_ROHITH MINGW64 ~/Desktop/Cognizant/GitWorkspace/GitDemo (master)
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On branch GitNewBranch
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rohith@SAI_ROHITH MINGW64 ~/Desktop/Cognizant/GitWorkspace/GitDemo (GitNewBranch)
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Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for GitNewBranch, visit:
remote: https://gitlab.com/rohithaddanki/gitdemo/-/merge_requests/new?merge_request%5Bsource_branch%5D=GitNewBranch
remote:
To https://gitlab.com/rohithaddanki/gitdemo
 * [new branch]      GitNewBranch -> GitNewBranch
rohith@SAI_ROHITH MINGW64 ~/Desktop/Cognizant/GitWorkspace/GitDemo (GitNewBranch)
$
```

RohithAddanki / GitDemo - GitLab

gitlab.com/rohithaddanki/gitdemo/-/tree/GitNewBranch?ref_type=heads

RohithAddanki / GitDemo / Repository

You pushed to GitNewBranch 21 seconds ago

Create merge request

GitNewBranch gitdemo

gitdemo

Add branch_change.txt in GitNewBranch
Rohith Addanki authored 4 minutes ago

80e36d5c History

Name	Last commit	Last update
.gitignore	Add .gitignore to ignore .log files and log directory	11 minutes ago
branch_change.txt	Add branch_change.txt in GitNewBranch	4 minutes ago
welcome.txt	Initial commit: added welcome.txt	34 minutes ago

What's new 5

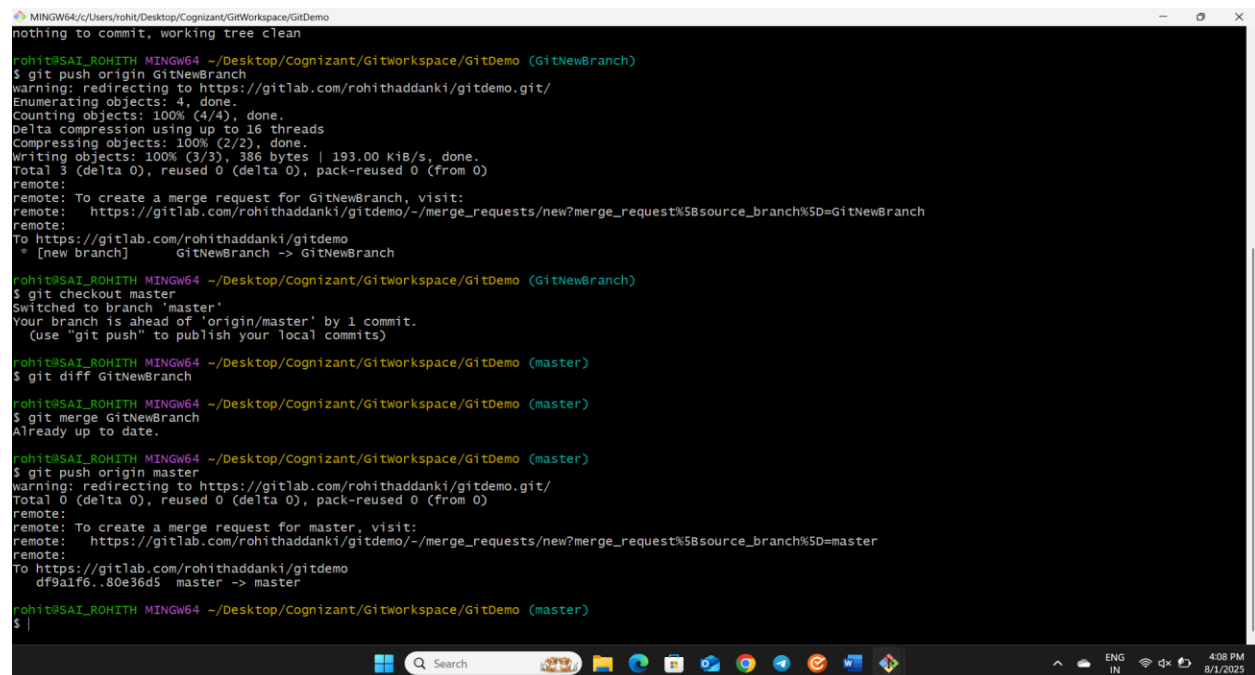
https://gitlab.com/rohithaddanki/gitdemo/-/blob/GitNewBranch/branch_change.txt?ref_type=heads

```
rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/GitWorkspace/GitDemo (GitNewBranch)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)
```

```
rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/GitWorkspace/GitDemo (master)
$ git diff GitNewBranch
```

```
rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/GitWorkspace/GitDemo (master)
$ git merge GitNewBranch
Already up to date.
```

```
rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/GitWorkspace/GitDemo (master)
$ git push origin master
warning: redirecting to
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Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for master, visit:
remote: https://gitlab.com/rohithaddanki/gitdemo/-
/merge_requests/new?merge_request%5Bsource_branch%5D=master
remote:
To https://gitlab.com/rohithaddanki/gitdemo
df9a1f6..80e36d5 master -> master
```



```
nothing to commit, working tree clean

rohit@SAI_ROHITH MINGW64 ~/Desktop/Cognizant/GitWorkspace/GitDemo (GitNewBranch)
$ git push origin GitNewBranch
warning: redirecting to https://gitlab.com/rohithaddanki/gitdemo.git/
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
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remote:
To https://gitlab.com/rohithaddanki/gitdemo
* [new branch]      GitNewBranch -> GitNewBranch

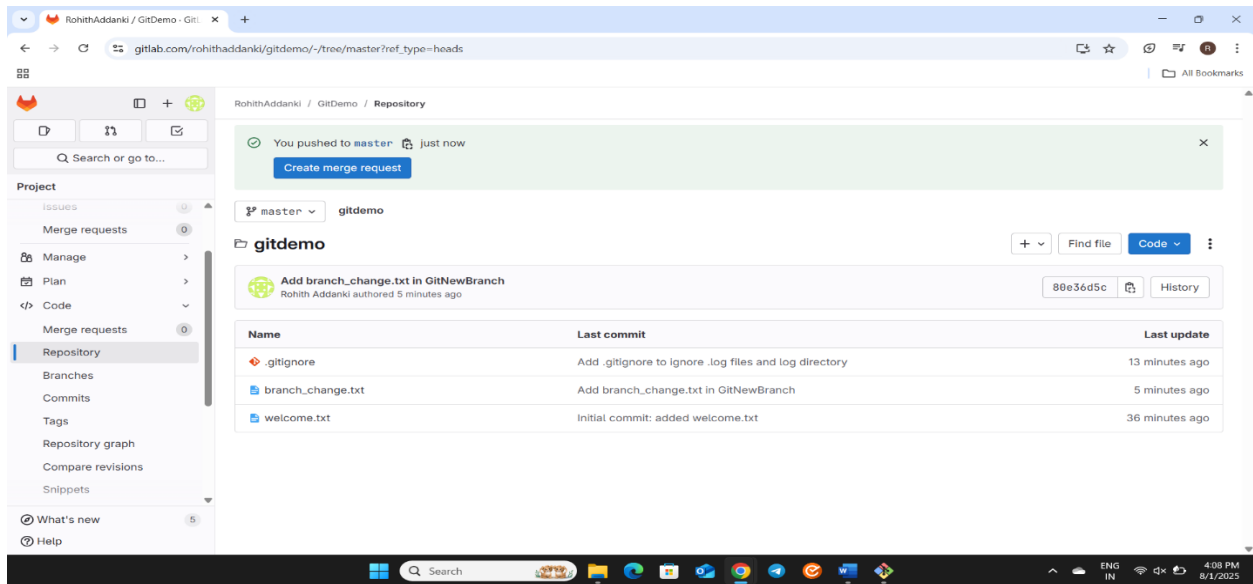
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Switched to branch 'master'
Your branch is ahead of 'origin/master' by 1 commit.
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$ git diff GitNewBranch

rohit@SAI_ROHITH MINGW64 ~/Desktop/Cognizant/GitWorkspace/GitDemo (master)
$ git merge GitNewBranch
Already up to date.

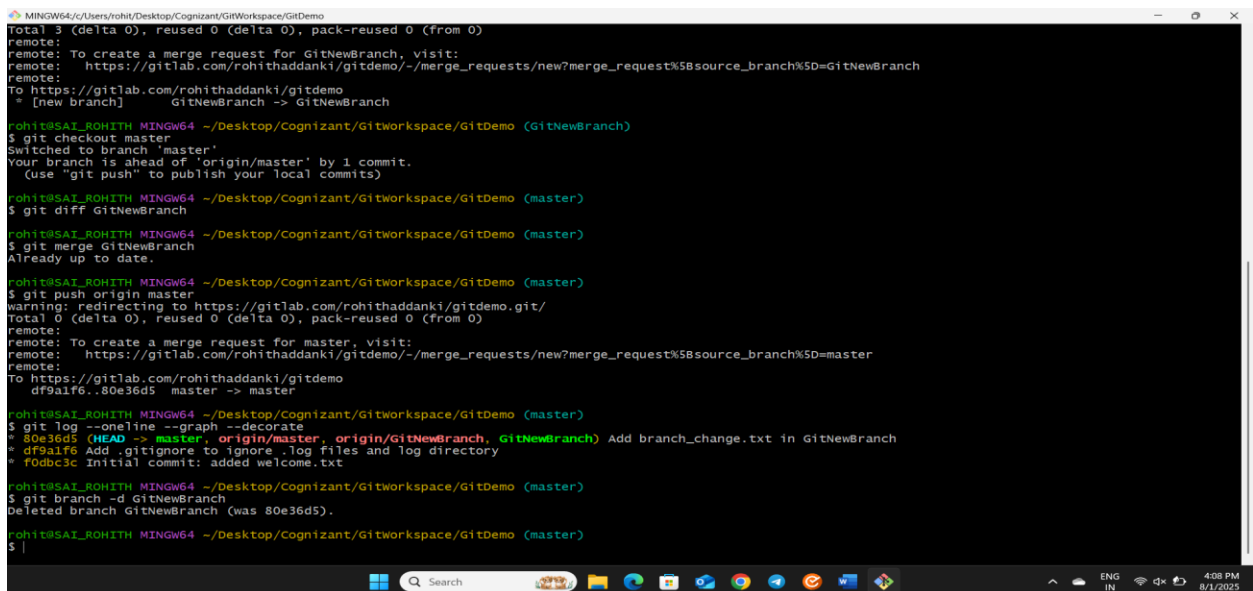
rohit@SAI_ROHITH MINGW64 ~/Desktop/Cognizant/GitWorkspace/GitDemo (master)
$ git push origin master
warning: redirecting to https://gitlab.com/rohithaddanki/gitdemo.git/
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for master, visit:
remote: https://gitlab.com/rohithaddanki/gitdemo/-/merge_requests/new?merge_request%5Bsource_branch%5D=master
remote:
To https://gitlab.com/rohithaddanki/gitdemo
df9a1f6..80e36d5 master -> master

rohit@SAI_ROHITH MINGW64 ~/Desktop/Cognizant/GitWorkspace/GitDemo (master)
$ |
```



```
rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/Gitworkspace/GitDemo (master)
$ git log --oneline --graph --decorate
* 80e36d5 (HEAD -> master, origin/master, origin/GitNewBranch,
GitNewBranch) Add branch_change.txt in GitNewBranch
* df9a1f6 Add .gitignore to ignore .log files and log directory
* f0dbc3c Initial commit: added welcome.txt
```

```
rohit@SAI_ROHITH MINGW64
~/Desktop/Cognizant/Gitworkspace/GitDemo (master)
$ git branch -d GitNewBranch
Deleted branch GitNewBranch (was 80e36d5).
```



Repository Link: <https://gitlab.com/rohithaddanki/gitdemo.git>