

MINGW64:/c/Users/Admin/GitDemo

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Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git branch GitNewBranch

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git branch -a
  GitNewBranch
* main
  remotes/origin/main
  remotes/origin/master

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git checkout GitNewBranch
Switched to branch 'GitNewBranch'

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (GitNewBranch)
$ echo "This is from GitNewBranch" >branchfile.txt

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (GitNewBranch)
$ git add branchfile.txt
warning: in the working copy of 'branchfile.txt', LF will be replaced by CRLF the
next time Git touches it

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (GitNewBranch)
$ git commit -m "Added branchfile.txt in GitNewBranch"
[GitNewBranch f6fa000] Added branchfile.txt in GitNewBranch
 1 file changed, 1 insertion(+)
 create mode 100644 branchfile.txt

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (GitNewBranch)
$ git status
On branch GitNewBranch
nothing to commit, working tree clean

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (GitNewBranch)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
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Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git diff main GitNewBranch
diff --git a/branchfile.txt b/branchfile.txt
new file mode 100644
index 0000000..bd667bc
--- /dev/null
+++ b/branchfile.txt
@@ -0,0 +1 @@
+This is from GitNewBranch

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git merge GitNewBranch
Updating 117f010..f6fa000
Fast-forward
 branchfile.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 branchfile.txt

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git log --oneline --graph --decorate
* f6fa000 (HEAD -> main, GitNewBranch) Added branchfile.txt in GitNewBranch
* 117f010 (origin/main) Add .gitignore to exclude .log files and log folder
* 8b9c60d Merge branch 'main' of https://gitlab.com/jyothika_07-group/gitdemo
|\
| * c3e4faf Initial commit
| * bff6492 (origin/master) added welcome.txt

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git branch -d GitNewBranch
Deleted branch GitNewBranch (was f6fa000).
```

```

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git push origin --delete GitNewBranch
error: unable to delete 'GitNewBranch': remote ref does not exist
error: failed to push some refs to 'https://gitlab.com/jyothika_07-group/gitdemo.git'

Admin@DESKTOP-ECEERRJ MINGW64 ~/GitDemo (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 392 bytes | 392.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/jyothika_07-group/gitdemo.git
117f010..f6fa000  main -> main

```

The screenshot shows the GitLab web interface for a project named 'GitDemo' under the 'Jyothika_07-group'. The interface is in dark mode. On the left, there is a sidebar with navigation options: Project, Learn GitLab (15%), Pinned, Issues (0), Merge requests (0), Manage, Plan, Code, and Build. The main content area shows the project's file browser. At the top, it indicates the current branch is 'main' and the repository is 'gitdemo'. Below this, a notification states 'Added branchfile.txt in GitNewBranch' by 'jyothika' 4 minutes ago, with a commit hash of 'f6fa0006'. A table lists the files in the repository:

Name	Last commit	Last update
.gitignore	Add .gitignore to exclude ...	24 minutes ago
README.md	Initial commit	1 hour ago
branchfile.txt	Added branchfile.txt in Git...	4 minutes ago
welcome.txt	added welcome.txt	59 minutes ago

On the right side, the 'Project information' panel shows: 4 Commits, 2 Branches, 0 Tags, and 5 KiB Project Storage. Below this, there are links to 'README', 'Add LICENSE', 'Add CHANGELOG', 'Add CONTRIBUTING', and 'Enable Auto DevOps'.