

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$ git branch -d b1
Deleted branch b1 (was 36a984a).

lenovo@Shekhar MINGW64 /d/gitm (master)
$ git branch -d b2
Deleted branch b2 (was 024472b).

lenovo@Shekhar MINGW64 /d/gitm (master)
$ git push origin --delete b1
To https://github.com/ShekharGlobal/Myrepo2.git
- [deleted]          b1

lenovo@Shekhar MINGW64 /d/gitm (master)
$ git push origin --delete b2
To https://github.com/ShekharGlobal/Myrepo2.git
- [deleted]          b2

lenovo@Shekhar MINGW64 /d/gitm (master)
$ git checkout -b b1
Switched to a new branch 'b1'

lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git add welcome.txt

lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git commit -m "Added welcome.txt to branch b1"
On branch b1
nothing to commit, working tree clean

lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git push origin b1
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'b1' on GitHub by visiting:
remote:   https://github.com/ShekharGlobal/Myrepo2/pull/new/b1
remote:
To https://github.com/ShekharGlobal/Myrepo2.git
* [new branch]      b1 -> b1

lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git checkout -b b2
Switched to a new branch 'b2'

lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git add welcome.txt

lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git commit -m "Added welcome.txt to branch b2"
On branch b2
nothing to commit, working tree clean

lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git push origin b2
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'b2' on GitHub by visiting:
remote:   https://github.com/ShekharGlobal/Myrepo2/pull/new/b2
remote:
To https://github.com/ShekharGlobal/Myrepo2.git
* [new branch]      b2 -> b2

lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git checkout b1
Switched to branch 'b1'

lenovo@Shekhar MINGW64 /d/gitm (b1)
$ notepad welcome.txt

lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git status
On branch b1
```

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: welcome.txt

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

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git add .
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git commit -m "i1"
[b1 ba85e26] i1
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git push -u origin b1
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 348 bytes | 87.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ShekharGlobal/Myrepo2.git
    024472b..ba85e26  b1 -> b1
branch 'b1' set up to track 'origin/b1'.
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$ git merge b1
Updating 024472b..ba85e26
Fast-forward
 welcome.txt | 4 ++--
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$ git merge b2
Already up to date.
```

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ShekharGlobal/Myrepo2.git
    024472b..ba85e26  master -> master
```

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$ git checkout b1
Switched to branch 'b1'
Your branch is up to date with 'origin/b1'.
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git push -u origin b1
Everything up-to-date
branch 'b1' set up to track 'origin/b1'.
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ notepad welcome.txt
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git status
On branch b1
Your branch is up to date with 'origin/b1'.
```

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: welcome.txt

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

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git add .
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git commit -m "i1"
[b1 70b8936] i1
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git push -u origin b1
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 347 bytes | 173.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ShekharGlobal/Myrepo2.git
   ba85e26..70b8936  b1 -> b1
branch 'b1' set up to track 'origin/b1'.
```

```
lenovo@Shekhar MINGW64 /d/gitm (b1)
$ git checkout b2
Switched to branch 'b2'
```

```
lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git status
On branch b2
nothing to commit, working tree clean
```

```
lenovo@Shekhar MINGW64 /d/gitm (b2)
$ notepad welcome.txt
```

```
lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git status
On branch b2
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:   welcome.txt
```

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

```
lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git add .
```

```
lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git status
On branch b2
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   welcome.txt
```

```
lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git commit -m "i2"
[b2 d256a1f] i2
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git push -u origin b2
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 360 bytes | 180.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ShekharGlobal/Myrepo2.git
```

```
024472b..d256a1f b2 -> b2
branch 'b2' set up to track 'origin/b2'.
```

```
lenovo@Shekhar MINGW64 /d/gitm (b2)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$ git merge b1
Updating ba85e26..70b8936
Fast-forward
 welcome.txt | 4 ++--
 1 file changed, 2 insertions(+), 2 deletions(-)
```

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$ git merge b2
Auto-merging welcome.txt
CONFLICT (content): Merge conflict in welcome.txt
Automatic merge failed; fix conflicts and then commit the result.
```

```
lenovo@Shekhar MINGW64 /d/gitm (master|MERGING)
$ ^C
```

```
lenovo@Shekhar MINGW64 /d/gitm (master|MERGING)
$ notepad welcome.txt
```

```
lenovo@Shekhar MINGW64 /d/gitm (master|MERGING)
$ git merge b2
error: Merging is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.
```

```
lenovo@Shekhar MINGW64 /d/gitm (master|MERGING)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)
```

```
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)
```

```
Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified:   welcome.txt
```

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

```
lenovo@Shekhar MINGW64 /d/gitm (master|MERGING)
$ git add .
```

```
lenovo@Shekhar MINGW64 /d/gitm (master|MERGING)
$ git commit -m "merge"
[master f87ad2c] merge
```

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$ git push -u origin master
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 410 bytes | 205.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ShekharGlobal/Myrepo2.git
   ba85e26..f87ad2c master -> master
branch 'master' set up to track 'origin/master'.
```

```
lenovo@Shekhar MINGW64 /d/gitm (master)
$
```