

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3
$ git init
Initialized empty Git repository in
D:/git3/.git/
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git config --global user.name "shekhar"
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git config --global user.email
"traininglabit@gmail.com"
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git config --global --list
user.name=shekhar
user.email=traininglabit@gmail.com
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ echo "welcome to the version control" >>
welcome.txt
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git status
On branch master
```

No commits yet

```
Untracked files:
  (use "git add <file>..." to include in what
  will be committed)
      welcome.txt
```

nothing added to commit but untracked files
present (use "git add" to track)

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git add .
warning: in the working copy of 'welcome.txt',
LF will be replaced by CRLF the next time Git
touches it
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git commit -m "Initial commit with
welcome.txt"
[master (root-commit) 5c23673] Initial commit
with welcome.txt
 1 file changed, 1 insertion(+)
 create mode 100644 welcome.txt
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git remote add origin
https://github.com/ShekharGlobal/gitpractice.git
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 260 bytes | 260.00
KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-
reused 0
To
https://github.com/ShekharGlobal/gitpractice.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git checkout -b b1
Switched to a new branch 'b1'
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b1)
$ echo "Change from branch b1" > welcome.txt
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b1)
$ git add welcome.txt
warning: in the working copy of 'welcome.txt',
LF will be replaced by CRLF the next time Git
touches it
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b1)
```

```
$ git commit -m "Update from b1"
[b1 db4edeb] Update from b1
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b1)
$ git push -u origin b1
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 267 bytes | 267.00
KiB/s, done.
Total 3 (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/gitpractice/pul
l/new/b1
remote:
To
https://github.com/ShekharGlobal/gitpractice.git
* [new branch]      b1 -> b1
branch 'b1' set up to track 'origin/b1'.
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b1)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git checkout -b b2
Switched to a new branch 'b2'
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b2)
$ echo "Change from branch b2" > welcome.txt
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b2)
$ git add welcome.txt
```

warning: in the working copy of 'welcome.txt',
LF will be replaced by CRLF the next time Git
touches it

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b2)
$ git commit -m "Update from b2"
[b2 bf19b7f] Update from b2
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b2)
$ git push -u origin b2
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 267 bytes | 267.00
KiB/s, done.
Total 3 (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/gitpractice/pul
l/new/b2
remote:
To
https://github.com/ShekharGlobal/gitpractice.git
* [new branch]      b2 -> b2
branch 'b2' set up to track 'origin/b2'.
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (b2)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (master)
$ git merge b1
Updating 5c23673..db4edeb
Fast-forward
 welcome.txt | 2 + -
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3 (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.
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3
(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")

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3
(master|MERGING)
$ notepad welcome.txt
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3
(master|MERGING)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-
reused 0
To
https://github.com/ShekharGlobal/gitpractice.git
```

```
5c23673..db4edeb master -> master
hp@DESKTOP-LAMMUCN MINGW64 /d/git3
(master|MERGING)
$ git branch -d b1
Deleted branch b1 (was db4edeb).
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3
(master|MERGING)
$ git branch -d b2
warning: deleting branch 'b2' that has been
merged to
      'refs/remotes/origin/b2', but not yet
merged to HEAD.
Deleted branch b2 (was bf19b7f).
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3
(master|MERGING)
$ git push origin --delete b1
To
https://github.com/ShekharGlobal/gitpractice.git
- [deleted]          b1
```

```
hp@DESKTOP-LAMMUCN MINGW64 /d/git3
(master|MERGING)
$ git push origin --delete b2
To
https://github.com/ShekharGlobal/gitpractice.git
- [deleted]          b2
```