

```
manoj@Manoj MINGW64 ~ (main)
```

```
$ cd ~/GitDemo/
```

```
manoj@Manoj MINGW64 ~/GitDemo (main)
```

```
$ git branch GitNewBranchOne
```

```
manoj@Manoj MINGW64 ~/GitDemo (main)
```

```
$ git branch -a
```

```
GitNewBranch
```

```
GitNewBranchOne
```

```
* main
```

```
master
```

```
remotes/origin/main
```

```
manoj@Manoj MINGW64 ~/GitDemo (main)
```

```
$ git checkout GitNewBranchOne
```

```
Switched to branch 'GitNewBranchOne'
```

```
manoj@Manoj MINGW64 ~/GitDemo (GitNewBranchOne)
```

```
$ git branch
```

```
GitNewBranch
```

```
* GitNewBranchOne
```

```
main
```

```
master
```

```
manoj@Manoj MINGW64 ~/GitDemo (GitNewBranchOne)
```

```
$ echo "Content for branch file" > branchfile.txt
```

manoj@Manoj MINGW64 ~/GitDemo (GitNewBranchOne)

```
$ git add branchfile.txt
```

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

manoj@Manoj MINGW64 ~/GitDemo (GitNewBranchOne)

```
$ git commit -m "Adding branch file"
```

[GitNewBranchOne 0732c13] Adding branch file

1 file changed, 1 insertion(+)

create mode 100644 branchfile.txt

manoj@Manoj MINGW64 ~/GitDemo (GitNewBranchOne)

```
$ git status
```

On branch GitNewBranchOne

Untracked files:

(use "git add <file>..." to include in what will be committed)

log/

log1/

test.log

test1.log

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

manoj@Manoj MINGW64 ~/GitDemo (GitNewBranchOne)

```
$ git checkout main
```

Switched to branch 'main'

Your branch is up to date with 'origin/main'.

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git diff main GitNewBranchOne
diff --git a/branchfile.txt b/branchfile.txt
new file mode 100644
index 0000000..82360fb
--- /dev/null
+++ b/branchfile.txt
@@ -0,0 +1 @@
+Content for branch file
```

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git difftool main GitNewBranchOne
```

This message is displayed because 'diff.tool' is not configured.

See 'git difftool --tool-help' or 'git help config' for more details.

'git difftool' will now attempt to use one of the following tools:

opendiff kdiff3 tkdiff xxdiff meld kompare gvimdiff diffuze diffmerge ecmerge p4merge araxis bc
codecompare smerge emerge vimdiff nvimdiff

Viewing (1/1): 'branchfile.txt'

Launch 'vimdiff' [Y/n]?

manoj@Manoj MINGW64 ~/GitDemo (main)

```
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```

This message is displayed because 'diff.tool' is not configured.

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opendiff kdiff3 tkdiff xxdiff meld kompare gvimdiff diffuze diffmerge ecmerge p4merge araxis bc
codecompare smerge emerge vimdiff nvimdiff

Viewing (1/1): 'branchfile.txt'

Launch 'vimdiff' [Y/n]? n

manoj@Manoj MINGW64 ~/GitDemo (main)

\$ git merge GitNewBranchOne

Updating 728f3b0..0732c13

Fast-forward

branchfile.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 branchfile.txt

manoj@Manoj MINGW64 ~/GitDemo (main)

\$ git log --oneline --graph --decorate

* 0732c13 (**HEAD -> main, GitNewBranchOne**) Adding branch file

* 728f3b0 (**origin/main**) Initial commit

manoj@Manoj MINGW64 ~/GitDemo (main)

\$ git branch -d GitNewBranchOne

Deleted branch GitNewBranchOne (was 0732c13).

manoj@Manoj 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)

Untracked files:

(use "git add <file>..." to include in what will be committed)

log/

log1/

test.log

test1.log

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