

manoj@Manoj MINGW64 ~ (main)

\$ cd ~/GitDemo/

manoj@Manoj MINGW64 ~/GitDemo (main)

\$ git checkout main

Already on 'main'

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

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)

manoj@Manoj MINGW64 ~/GitDemo (main)

\$ git checkout -b GitWork

Switched to a new branch 'GitWork'

manoj@Manoj MINGW64 ~/GitDemo (GitWork)

```
$ ehco add hello.xml
```

bash: ehco: command not found

manoj@Manoj MINGW64 ~/GitDemo (GitWork)

```
$ git commit -m
```

error: switch `m' requires a value

manoj@Manoj MINGW64 ~/GitDemo (GitWork)

```
$ git commit -m "Add hello.xml"
```

On branch GitWork

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 (GitWork)

```
$ git checkout main
```

Switched to branch 'main'

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ echo "<message>Hello</message>" > hello.xml
```

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git add hello.xml
```

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

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git commit -m "Add hello.xml in master branch"
```

[main 7b4f5dd] Add hello.xml in master branch

1 file changed, 1 insertion(+)

create mode 100644 hello.xml

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git log --oneline --graph --decorate -all
```

error: switch `l' expects a numerical value

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ gitt log --oneline --graph --decorate --all
```

bash: gitt: command not found

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git log --oneline --graph --decorate --all
```

* 7b4f5dd (**HEAD -> main**) Add hello.xml in master branch

* 0732c13 (**GitWork**) Adding branch file

| * 0b4231c (**GitNewBranch**) Add branch file

| * d2a072a (**master**) Add .gitignore

|/

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

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git diff main GitWork
```

```
diff --git a/hello.xml b/hello.xml
```

```
deleted file mode 100644
```

```
index 7cc6700..0000000
```

```
--- a/hello.xml
```

```
+++ /dev/null
```

```
@@ -1 +0,0 @@
```

```
-<message>Hello</message>
```

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

```
$ git difftool main GitWork
```

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 diffuse diffmerge ecmerge p4merge araxis bc
codecompare smmerge emerge vimdiff nvimdiff

Viewing (1/1): 'hello.xml'

Launch 'p4merge' [Y/n]? n

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

```
$ git merge GitWork
```

Already up to date.

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

```
$ git mergetool
```

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

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

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

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

No files need merging

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git add hello.xml
```

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git commit -m "Resolved"
```

On branch main

Your branch is ahead of 'origin/main' by 2 commits.

(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)

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ echo "*.orig" >> .gitignore
```

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git add .gitignore
```

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

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git commit -m "Igonre backup files from merge tool"
```

[main 804e127] Igonre backup files from merge tool

1 file changed, 1 insertion(+)

create mode 100644 .gitignore

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git branch -d GitWork
```

Deleted branch GitWork (was 0732c13).

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$ git log --oneline --graph --decorate
```

* 804e127 (**HEAD** -> **main**) Igonre backup files from merge tool

* 7b4f5dd Add hello.xml in master branch

* 0732c13 Adding branch file

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

manoj@Manoj MINGW64 ~/GitDemo (main)

```
$
```