

```
MINGW64/c/Training/Section 3/assignment
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3
$ git init
Initialized empty Git repository in C:/Training/Section 3/.git/
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git branch
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ touch new.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git add .
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git commit -m "This is commit"
[master (root-commit) ccd23c6] This is commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 new.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git branch
* master
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git branch js-assignment
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git branch
  js-assignment
* master
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git checkout js-assignment
Switched to branch 'js-assignment'
```

```
MINGW64/c/Training/Section 3/assignment
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ git checkout js-assignment
Switched to branch 'js-assignment'
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (js-assignment)
$ git checkout master
Switched to branch 'master'
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ mkdir assignment
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ ls
assignment/ new.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ touch new2.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ touch new3.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ ls
assignment/ new.js new2.js new3.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ pwd
/c/Training/Section 3
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3 (master)
$ cd assignment
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ cp /c/Training/Section 3
cp: cannot stat '/c/Training/Section': No such file or directory
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ cd /c/Training/Section 3
bash: cd: too many arguments
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$
$ cp "/c/Training/Section 3/new.js"
cp: missing destination file operand after '/c/Training/Section 3/new.js'
Try 'cp --help' for more information.
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
```

```
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ cp --help
Usage: cp [OPTION]... [-T] SOURCE DEST
or: cp [OPTION]... SOURCE... DIRECTORY
or: cp [OPTION]... -t DIRECTORY SOURCE...
Copy SOURCE to DEST, or multiple SOURCE(s) to DIRECTORY.

Mandatory arguments to long options are mandatory for short options too.
-a, --archive                same as -dR --preserve=all
--attributes-only            don't copy the file data, just the attributes
--backup[=CONTROL]          make a backup of each existing destination file
-b                           like --backup but does not accept an argument
--copy-contents              copy contents of special files when recursive
-d                           same as --no-dereference --preserve=links
-f, --force                  if an existing destination file cannot be
                             opened, remove it and try again (this option
                             is ignored when the -n option is also used)
-i, --interactive            prompt before overwrite (overrides a previous -n
                             option)
-H                           follow command-line symbolic links in SOURCE
-l, --link                   hard link files instead of copying
-L, --dereference            always follow symbolic links in SOURCE
-n, --no-clobber             do not overwrite an existing file (overrides
                             a previous -i option)
--no-dereference            never follow symbolic links in SOURCE
-p                           same as --preserve=mode,ownership,timestamps
--preserve[=ATTR_LIST]      preserve the specified attributes (default:
                             mode,ownership,timestamps), if possible
                             additional attributes: context, links, xattr,
                             all
--no-preserve=ATTR_LIST     don't preserve the specified attributes
--parents                   use full source file name under DIRECTORY
-R, --recursive              copy directories recursively
--reflink[=WHEN]            control clone/COW copies. See below
--remove-destination        remove each existing destination file before
                             attempting to open it (contrast with --force)
--sparse=WHEN               control creation of sparse files. See below
--strip-trailing-slashes     remove any trailing slashes from each SOURCE
                             argument
-s, --symbolic-link           make symbolic links instead of copying
-S, --suffix=SUFFIX          override the usual backup suffix
-t, --target-directory=DIRECTORY copy all SOURCE arguments into DIRECTORY
-T, --no-target-directory    treat DEST as a normal file
-u, --update                 copy only when the SOURCE file is newer
                             than the destination file or when the
                             destination file is missing
-v, --verbose                explain what is being done
```

```
MINGW64/c/Training/Section 3/assignment
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ cp "/c/Training/Section 3/new.js" .
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ ls
new.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ cp "/c/Training/Section 3/new2.js" .
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ cp "/c/Training/Section 3/new3.js" .
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ ls
new.js new2.js new3.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ git checkout js-assignment
Switched to branch 'js-assignment'
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ touch README.txt
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ echo "This is the minor change">README.txt
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ git add README.txt
warning: in the working copy of 'assignment/README.txt', LF will be replaced by
CRLF the next time Git touches it
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ ls
README.txt new.js new2.js new3.js
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ git commit -m"This is the README file commit"
[js-assignment 3388e26] This is the README file commit
1 file changed, 1 insertion(+)
create mode 100644 assignment/README.txt
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ git checkout master
Switched to branch 'master'
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ echo "This is minor change in master branch">README.txt
```

```
MINGW64/c/Training/Section 3/assignment
Switched to branch 'master'

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (master)
$ echo "This is minor chance in master branch">README.txt

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (master)
$ git add README.txt
warning: in the working copy of 'assignment/README.txt', LF will be replaced by
CRLF the next time Git touches it

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (master)
$ git commit -m "This is commit in Master branch"
[master 07e9f4a] This is commit in Master branch
1 file changed, 1 insertion(+)
create mode 100644 assignment/README.txt

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (master)
$ git checkout js-assignment
Switched to branch 'js-assignment'

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ echo "this is a minor change in new file">new.js

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ echo "this ia a minoir change in new2 file">new2.js

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ echo "this ia a minoir change in new2 file">new2.js

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ ls
README.txt  new.js  new2.js  new2js  new3.js

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ git add .
warning: in the working copy of 'assignment/new.js', LF will be replaced by CRLF
the next time Git touches it
warning: in the working copy of 'assignment/new2.js', LF will be replaced by CRLF
the next time Git touches it
warning: in the working copy of 'assignment/new2js', LF will be replaced by CRLF
the next time Git touches it

shivansh@LIN-5CG0479229 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ git commit -m "This is commit of all modified js files"
[js-assignment fd890f3] This is commit of all modified js files
4 files changed, 3 insertions(+)
create mode 100644 assignment/new.js
create mode 100644 assignment/new2.js
```



```
MINGW64/c/Training/Section 3/assignment
shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (js-assignment)
$ git checkout master
Switched to branch 'master'

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ git merge js-assignment
Auto-merging assignment/README.txt
CONFLICT (add/add): Merge conflict in assignment/README.txt
Automatic merge failed; fix conflicts and then commit the result.

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master|MERGING)
$ git merge js-assignment
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.

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master|MERGING)
$ git add assignment/README.txt
warning: could not open directory 'assignment/assignment/': No such file or directory
fatal: pathspec 'assignment/README.txt' did not match any files

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master|MERGING)
$ git add README.txt

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master|MERGING)
$ git commit -m "This is README file commit"
[master ed6a49e] This is README file commit

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ git merge js-assignment
Already up to date.

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ ls
README.txt new.js new2.js new2js new3.js

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ git branch -d js-assignment
Deleted branch js-assignment (was fd890f3).

shivansh@LIN-5CG04792Z9 MINGW64 /c/Training/Section 3/assignment (master)
$ |
```