

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~
$ mkdir project_dir

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~
$ cd project_dir

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir
$ git init
Initialized empty Git repository in C:/Users/91944/project_dir/.git/

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ touch index.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git status
On branch master

No commits yet

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

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git add index.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git commit -m "index file in html"
Author identity unknown

*** Please tell me who you are.
```

Run

```
git config --global user.email "you@example.com"
git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'Madhavi Latha Govula@LAPTOP-U611UK42.(none)')

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git config --global user.email "madhavi123@gmail.com"

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git config --global user.name "madhavi"

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git commit -m "index file in html"
[master (root-commit) 6c8a7a8] index file in html
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 index.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ vi index.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ touch info.txt

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git status
On branch master
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:   index.html

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

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ touch .gitignore

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git add .gitignore

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

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:   index.html

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ vi .gitignore

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore

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:   .gitignore
```

```
MINGW64:/c/Users/91944/project_dir
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:  .gitignore

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:  .gitignore
    modified:  index.html
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git add index.html
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ vi add index.html
2 files to edit
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git commit -m "commits file"
[master 841db5e] commits file
2 files changed, 1 insertion(+)
create mode 100644 .gitignore
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git log
commit 841db5e14b997344693ca01d205729303b7cba6b (HEAD -> master)
Author: madhavi <madhavi123@gmail.com>
Date:   Thu Nov 11 10:53:45 2021 +0530
```

commits file

```
commit 6c8a7a8943cf95145b4d391d0c70a893a9c286e6
Author: madhavi <madhavi123@gmail.com>
Date:   Thu Nov 11 10:48:22 2021 +0530
```

index file in html

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ vi index.html
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git status
On branch master
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:  .gitignore
    modified:  index.html
```

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



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```
MINGW64:/c/Users/91944/project_dir
```

```
(use "git restore <file>..." to discard changes in working directory)
  modified: .gitignore
  modified: index.html
```

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

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

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git checkout index.html
Updated 1 path from the index
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ vi index.html
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ vi add index.html
2 files to edit
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git status
On branch master
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: .gitignore
    modified: index.html
```

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

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

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git reset HEAD index.html
Unstaged changes after reset:
M       .gitignore
M       index.html
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git config --global alias.my-add add
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git my-add index.html
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git checkout index.html
Updated 0 paths from the index
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git commit -m "committed"
[master 4d33d4f] committed
 1 file changed, 1 insertion(+)
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
```

```
MINGW64:/c/Users/91944/project_dir/Assignments
no changes added to commit (use "git add" and/or "git commit -a")
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git checkout index.html
Updated 1 path from the index

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ vi index.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ vi add index.html
2 files to edit

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git status
On branch master
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:   .gitignore
    modified:   index.html

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

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git reset HEAD index.html
Unstaged changes after reset:
M       .gitignore
M       index.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git config --global alias.my-add add

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git my-add index.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git checkout index.html
Updated 0 paths from the index

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git commit -m "committed"
[master 4d33d4f] committed
 1 file changed, 1 insertion(+)

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git revert HEAD index.html
fatal: bad revision 'index.html'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ git revert HEAD
[master c4e580b] Revert "committed"
 1 file changed, 1 deletion(-)
```



MINGW64:/c/Users/91944/project\_dir/Assignments

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ mkdir Assignments

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir (master)
$ cd Assignments

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ touch README.txt
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ vi README.txt
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git add README.txt
warning: LF will be replaced by CRLF in Assignments/README.txt.
The file will have its original line endings in your working directory
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ vi add README.txt
2 files to edit
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git init
Initialized empty Git repository in C:/Users/91944/project_dir/Assignments/.git/
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git add README.txt
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ vi add README.txt
2 files to edit
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git commit -m "New text file is added"
[master (root-commit) f3dc890] New text file is added
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git branch html-assignments
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ ls
README.txt add
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git add -A
warning: LF will be replaced by CRLF in add.
The file will have its original line endings in your working directory
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
```

Type here to search



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```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ vi add -A
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git commit -m "This file is named as add file"
[html-assignments 371b0ff] This file is named as add file
 1 file changed, 1 insertion(+)
 create mode 100644 add
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git status
On branch html-assignments
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:   add
```

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

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ nano add
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ nano html5.html
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git commit -m "files are edited"
On branch html-assignments
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:   add
```

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    html5.html
```

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

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git commit -a -m "files are edited"
warning: LF will be replaced by CRLF in add.
The file will have its original line endings in your working directory
[html-assignments b5f7841] files are edited
  1 file changed, 2 insertions(+), 1 deletion(-)
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git status
On branch html-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    html5.html
```

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

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git checkout master
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    html5.html

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

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ nano README.txt
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git commit -a -m "one line is added"
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
[master 49c54ea] one line is added
  1 file changed, 1 insertion(+), 1 deletion(-)
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ nano README.txt
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ nano html5.html
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git commit -a -m "new lines are added"
[html-assignments 907c302] new lines are added
  1 file changed, 1 insertion(+)
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git merge html-assignments
Auto-merging README.txt
CONFLICT (content): Merge conflict in README.txt
Automatic merge failed; fix conflicts and then commit the result.
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)
```

```
Changes to be committed:
  new file:  add
```



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```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Changes to be committed:
  new file:   add

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    html5.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ ls
README.txt  add  html5.html

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ nano README.txt

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git merge html-assignments
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.

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git merge README.txt
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.

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git merge html-assignments
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.

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git checkout master
error: you need to resolve your current index first
README.txt: needs merge

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git branch -d html-assignments
error: The branch 'html-assignments' is not fully merged.
If you are sure you want to delete it, run 'git branch -D html-assignments'.
```



Type here to search

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```
MINGW64:/c/Users/91944/project_dir/Assignments
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git branch -d html-assignments
error: The branch 'html-assignments' is not fully merged.
If you are sure you want to delete it, run 'git branch -D html-assignments'.
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ vi README.txt
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ ls
README.txt add html5.html
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git merge html-assignments
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.
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git rm README.txt
rm 'README.txt'
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git merge html-assignments
fatal: You have not concluded your merge (MERGE_HEAD exists).
Please, commit your changes before you merge.
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git commit -a -m "contents are edited"
[master cb40c4e] contents are edited
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git merge html-assignments
Already up to date.

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ ls
add html5.html
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git branch -d html-assignments
error: Cannot delete branch 'html-assignments' checked out at 'C:/Users/91944/project_dir/Assignments'
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was 907c302).

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
```



Type here to search



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```
MINGW64:/c/Users/91944/project_dir/Assignments
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git branch css-assignments

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ touch sample.css css1.css README.txt

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ git commit -a -m "Added css files and text file"
On branch css-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    README.txt
    css1.css
    html5.html
    sample.css

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ git add -A
warning: LF will be replaced by CRLF in html5.html.
The file will have its original line endings in your working directory

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ vi add -A

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ git commit -m "message"
[css-assignments 0fb0502] message
 4 files changed, 2 insertions(+)
 create mode 100644 README.txt
 create mode 100644 css1.css
 create mode 100644 html5.html
 create mode 100644 sample.css

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ nano sample.css

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ nano css1.css

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ nano README.txt

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ git add README.txt
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ vi add README.txt
2 files to edit

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
```



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```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ git commit -m "Add the new text file"
[css-assignments 9f1425e] Add the new text file
 1 file changed, 1 insertion(+)
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ git commit -a -m "Add the new text file and css files"
warning: LF will be replaced by CRLF in css1.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in sample.css.
The file will have its original line endings in your working directory
[css-assignments af895bd] Add the new text file and css files
 3 files changed, 4 insertions(+), 2 deletions(-)
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ nano README.txt
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ vi add README.txt
2 files to edit
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git add -A
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git commit -a -m "Edited all the files"
[master a2691a4] Edited all the files
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git merge css-assignments
CONFLICT (add/add): Merge conflict in README.txt
Auto-merging README.txt
Automatic merge failed; fix conflicts and then commit the result.
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git rm README.txt
rm 'README.txt'
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git merge css-assignments
fatal: You have not concluded your merge (MERGE_HEAD exists).
Please, commit your changes before you merge.
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git commit -a -m "CSS files are committed"
[master 36123d0] CSS files are committed
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git merge css-assignments
```

```
MINGW64:/c/Users/91944/project_dir/Assignments
[css-assignments af895bd] Add the new text file and css files
 3 files changed, 4 insertions(+), 2 deletions(-)

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ nano README.txt

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ vi add README.txt
2 files to edit

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git add -A
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git commit -a -m "Edited all the files"
[master a2691a4] Edited all the files
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git merge css-assignments
CONFLICT (add/add): Merge conflict in README.txt
Auto-merging README.txt
Automatic merge failed; fix conflicts and then commit the result.

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git rm README.txt
rm 'README.txt'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git merge css-assignments
fatal: You have not concluded your merge (MERGE_HEAD exists).
Please, commit your changes before you merge.

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master|MERGING)
$ git commit -a -m "CSS files are committed"
[master 36123d0] CSS files are committed

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git merge css-assignments
Already up to date.

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ ls
add  css1.css  html5.html  sample.css

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git branch -d css-assignments
Deleted branch css-assignments (was af895bd).

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
```



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```
MINGW64:/c/Users/91944/project_dir/Assignments
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git branch js-assignments

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ touch samples.js script1.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git add -A

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git commit -m "Added js files"
[js-assignments 4b9104e] Added js files
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 samples.js
 create mode 100644 script1.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ nano README.txt

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git commit -a -m "Added new line"
On branch js-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    README.txt

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ nano samples.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ nano script1.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git commit -a -m "Added new lines"
warning: LF will be replaced by CRLF in samples.js.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in script1.js.
The file will have its original line endings in your working directory
[js-assignments d0626a6] Added new lines
 2 files changed, 2 insertions(+)

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git merge js-assignments
Updating 36123d0..d0626a6
Fast-forward
  samples.js | 1 +
  script1.js | 1 +
  2 files changed, 2 insertions(+)
```

```
MINGW64:/c/Users/91944/project_dir/Assignments
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git commit -m "Added js files"
[js-assignments 4b9104e] Added js files
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 samples.js
 create mode 100644 script1.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ nano README.txt

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git commit -a -m "Added new line"
On branch js-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    README.txt

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ nano samples.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ nano script1.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git commit -a -m "Added new lines"
warning: LF will be replaced by CRLF in samples.js.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in script1.js.
The file will have its original line endings in your working directory
[js-assignments d0626a6] Added new lines
  2 files changed, 2 insertions(+)

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git merge js-assignments
Updating 36123d0..d0626a6
Fast-forward
  samples.js | 1 +
  script1.js | 1 +
  2 files changed, 2 insertions(+)
  create mode 100644 samples.js
  create mode 100644 script1.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ ls
README.txt  add  css1.css  html5.html  sample.css  samples.js  script1.js

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git branch -d js-assignments
Deleted branch js-assignments (was d0626a6).

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ |
```



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MINGW64:/c/Users/91944/project\_dir/Assignments

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~

\$ cd C:

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 /c

\$ cd Users

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 /c/Users

\$ cd 91944

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~

\$ cd project\_dir

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project\_dir (master)

\$ git clone https://github.com/MadhaviG1999/freshersbatch-oct21.git

Cloning into 'freshersbatch-oct21'...

remote: Enumerating objects: 9, done.

remote: Counting objects: 100% (9/9), done.

remote: Compressing objects: 100% (6/6), done.

remote: Total 9 (delta 1), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (9/9), 347.81 KiB | 569.00 KiB/s, done.

Resolving deltas: 100% (1/1), done.

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project\_dir (master)

\$ cd Assignments

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project\_dir/Assignments (master)

\$ git status

On branch master

Untracked files:

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

README.txt

freshersbatch-oct21/

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project\_dir/Assignments (master)

\$ touch sample.java

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project\_dir/Assignments (master)

\$ nano sample.java

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project\_dir/Assignments (master)

\$ git commit -m "sample java file"

On branch master

Untracked files:

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

README.txt

freshersbatch-oct21/

sample.java

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

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project\_dir/Assignments (master)

\$ git status

On branch master

Untracked files:

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

Type here to search



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```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    README.txt
    freshersbatch-oct21/
    sample.java
```

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

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git remote add origin https://github.com/MadhaviG1999/freshersbatch-oct21.git
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git pull -u origin main
error: unknown switch `u'
usage: git pull [<options>] [<repository> [<refspec>...]]
```

```
-v, --verbose      be more verbose
-q, --quiet       be more quiet
--progress        force progress reporting
--recurse-submodules[=<on-demand>]
                  control for recursive fetching of submodules
```

#### Options related to merging

```
-r, --rebase[=(false|true|merges|preserve|interactive)]
                  incorporate changes by rebasing rather than merging
-n
                  do not show a diffstat at the end of the merge
--stat
                  show a diffstat at the end of the merge
--log[=<n>]
                  add (at most <n>) entries from shortlog to merge commit message
--signoff[=...]
                  add a Signed-off-by trailer
--squash
                  create a single commit instead of doing a merge
--commit
                  perform a commit if the merge succeeds (default)
--edit
                  edit message before committing
--cleanup <mode>
                  how to strip spaces and #comments from message
--ff
                  allow fast-forward
--ff-only
                  abort if fast-forward is not possible
--verify-signatures
                  verify that the named commit has a valid GPG signature
--autostash
                  automatically stash/stash pop before and after
-s, --strategy <strategy>
                  merge strategy to use
-X, --strategy-option <option=value>
                  option for selected merge strategy
-S, --gpg-sign[=<key-id>]
                  GPG sign commit
--allow-unrelated-histories
                  allow merging unrelated histories
```

#### Options related to fetching

```
--all
                  fetch from all remotes
-a, --append
                  append to .git/FETCH_HEAD instead of overwriting
--upload-pack <path>
                  path to upload pack on remote end
-f, --force
                  force overwrite of local branch
-t, --tags
                  fetch all tags and associated objects
-p, --prune
                  prune remote-tracking branches no longer on remote
-j, --jobs[=<n>]
                  number of submodules pulled in parallel
--dry-run
                  dry run
```

```
MINGW64:/c/Users/91944/project_dir/Assignments
  GPG sign commit
  --allow-unrelated-histories
    allow merging unrelated histories

Options related to fetching
  --all           fetch from all remotes
  -a, --append   append to .git/FETCH_HEAD instead of overwriting
  --upload-pack <path> path to upload pack on remote end
  -f, --force    force overwrite of local branch
  -t, --tags     fetch all tags and associated objects
  -p, --prune   prune remote-tracking branches no longer on remote
  -j, --jobs[=<n>] number of submodules pulled in parallel
  --dry-run     dry run
  -k, --keep    keep downloaded pack
  --depth <depth> deepen history of shallow clone
  --shallow-since <time>
    deepen history of shallow repository based on time
  --shallow-exclude <revision>
    deepen history of shallow clone, excluding rev
  --deeper <n>    deepen history of shallow clone
  --unshallow    convert to a complete repository
  --update-shallow accept refs that update .git/shallow
  --refmap <refmap> specify fetch refmap
  -o, --server-option <server-specific>
    option to transmit
  -4, --ipv4      use IPv4 addresses only
  -6, --ipv6      use IPv6 addresses only
  --negotiation-tip <revision>
    report that we have only objects reachable from this object
  --show-forced-updates
    check for forced-updates on all updated branches
  --set-upstream
    set upstream for git pull/fetch

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/MadhaviG1999/freshersbatch-oct21.git'

Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
$ git push -u origin master
Enumerating objects: 40, done.
Counting objects: 100% (40/40), done.
Delta compression using up to 8 threads
Compressing objects: 100% (28/28), done.
Writing objects: 100% (40/40), 3.49 KiB | 255.00 KiB/s, done.
Total 40 (delta 6), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (6/6), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/MadhaviG1999/freshersbatch-oct21/pull/new/master
remote:
To https://github.com/MadhaviG1999/freshersbatch-oct21.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

```
Madhavi Latha Govula@LAPTOP-U611UK42 MINGW64 ~/project_dir/Assignments (master)
```

```
$ |
```



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