

Sec 0 :

```
MINGW64/c/Users/kit/desktop/project_dir
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

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)
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git add index.html
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git commit -m "index.html committed"
[master e1cfa03] index.html committed
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

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
        modified:   info.txt

no changes added to commit (use "git add" and/or "git commit -a")
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ touch .gitignore
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

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
        modified:   info.txt
```

```
no changes added to commit (use "git add" and/or "git commit -a")
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git add .
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git commit -m "index.html modified"
[master 80ea970] index.html modified
3 files changed, 3 insertions(+)
create mode 100644 .gitignore
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git log
commit 80ea9705be4221ab47c154eb80cb423634e95f26 (HEAD -> master)
Author: sampadad98 <sampadad29@gmail.com>
Date:   Sun Aug 1 23:32:40 2021 +0530
    index.html modified

commit e1cfa039f068814ee0a7f73c33626f184b21465d
Author: sampadad98 <sampadad29@gmail.com>
Date:   Sun Aug 1 23:30:02 2021 +0530
    index.html committed

commit 3213dcf682043cd6e0144e532ebhaccfb1ladfd (origin/master)
Author: sampadad98 <sampada.8991@gmail.com>
Date:   Sun Aug 1 23:20:53 2021 +0530
    first commit
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git checkout -- index.html
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git add index.html
k@DESKTOP-IMDB030 MINGW64 ~/desktop/project_dir (master)
$ git reset HEAD index.html
Unstaged changes after reset:
M   index.html
```

```
MINGW64/c/Users/kit/desktop/project_dir
$ git reset HEAD index.html
Unstaged changes after reset:
M   index.html

$ git config --global alias.my-add add
$ git my-add index.html

$ git commit -m "renamed add command with alias my-add"
[master 0df8873] renamed add command with alias my-add
1 file changed, 4 insertions(+), 1 deletion(-)

$ git log
commit 0df8873e1a087787348e57a8d9e1bbf5b1da45fb (HEAD -> master)
Author: sampadad98 <sampadad29@gmail.com>
Date:   Sun Aug 1 23:37:08 2021 +0530

    renamed add command with alias my-add

commit 80ea9705be4221ab47c154eb80cb423634e95f26
Author: sampadad98 <sampadad29@gmail.com>
Date:   Sun Aug 1 23:32:40 2021 +0530

    index.html modified

commit e1cfa039f068814ee0a7f73c33626f184b21465d
Author: sampadad98 <sampadad29@gmail.com>
Date:   Sun Aug 1 23:30:02 2021 +0530

    index.html committed

commit 3213dcf682043cd6e0144e32ebbaccfb11adfd (origin/master)
Author: sampadad98 <sampada.8991@gmail.com>
Date:   Sun Aug 1 23:20:53 2021 +0530

    first commit

$
$ git revert 0df8873e1a087787348e57a8d9e1bbf5b1da45fb
[master 9aca253] Revert "renamed add command with alias my-add"
1 file changed,

$
```

```
MINGW64/c/Users/kit/desktop/project_dir
$ git commit -m "renamed add command with alias my-add"
[master 0df8873] renamed add command with alias my-add
1 file changed, 4 insertions(+), 1 deletion(-)

$ git log
commit 0df8873e1a087787348e57a8d9e1bbf5b1da45fb (HEAD -> master)
Author: sampadad98 <sampadad29@gmail.com>
Date:   Sun Aug 1 23:37:08 2021 +0530

    renamed add command with alias my-add

commit 80ea9705be4221ab47c154eb80cb423634e95f26
Author: sampadad98 <sampadad29@gmail.com>
Date:   Sun Aug 1 23:32:40 2021 +0530

    index.html modified

commit e1cfa039f068814ee0a7f73c33626f184b21465d
Author: sampadad98 <sampadad29@gmail.com>
Date:   Sun Aug 1 23:30:02 2021 +0530

    index.html committed

commit 3213dcf682043cd6e0144e32ebbaccfb11adfd (origin/master)
Author: sampadad98 <sampada.8991@gmail.com>
Date:   Sun Aug 1 23:20:53 2021 +0530

    first commit

$
$ git revert 0df8873e1a087787348e57a8d9e1bbf5b1da45fb
[master 9aca253] Revert "renamed add command with alias my-add"
1 insertion(+), 4 deletions(-)

$ git status
On branch master
Your branch is ahead of 'origin/master' by 4 commits.
  (use 'git push' to publish your local commits)

nothing to commit, working tree clean

$
```

sec 1:

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C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments
$ cd Assignments

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (master)
$ touch README.txt

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (master)
$ git add .

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (master)
$ git commit -m "created readme.txt file"
[master d7870f8] created readme.txt file
2 files changed, 2 insertions(+)
create mode 100644 Assignments/README.txt

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (master)
$ git branch html-assignments

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (html-assignments)
$ git status
On branch html-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    html1.html
    html2.html

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

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (html-assignments)
$ git add .

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (html-assignments)
$ git commit -m "html files added to assignments folder"
[html-assignments 6c62ef5] html files added to assignments folder
2 files changed, 26 insertions(+)
create mode 100644 Assignments/html1.html
create mode 100644 Assignments/html2.html

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (html-assignments)
$ git add .

C:\MINGW64\c\Users\kit\Desktop\project_dir\Assignments (html-assignments)
$ git commit -m "committed to html-assignments branch"
[html-assignments 2d2671d] committed to html-assignments branch
2 files changed, 7 insertions(+)

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```

C:\MINGW64\c\Users\kiki\desktop\project_dir\Assignments
$ git checkout master
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 1 commit.
(Use "git push" to publish your local commits)

C:\MINGW64\c\Users\kiki\desktop\project_dir\Assignments (master)
$ git add README.txt
$ git commit
Aborting commit due to empty commit message.

C:\MINGW64\c\Users\kiki\desktop\project_dir\Assignments (master)
$ git commit -m "Changes made in readme file"
[master 10256e] Changes made in readme file
1 file changed, 2 insertions(+), 1 deletion(-)

C:\MINGW64\c\Users\kiki\desktop\project_dir\Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

C:\MINGW64\c\Users\kiki\desktop\project_dir\Assignments (html-assignments)
$ git add html1.html
$ git status
On branch html-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   html1.html

C:\MINGW64\c\Users\kiki\desktop\project_dir\Assignments (html-assignments)
$ git commit -m "html1 modified"
[html-assignments 3f13e40] html1 modified
1 file changed, 1 insertion(+), 2 deletions(-)

C:\MINGW64\c\Users\kiki\desktop\project_dir\Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 2 commits.
(Use "git push" to publish your local commits)

C:\MINGW64\c\Users\kiki\desktop\project_dir\Assignments (master)
$ git merge html-assignments
Merge made by the 'recursive' strategy.
Assignments/html1.html | 10 ++++++
Assignments/html2.html | 22 ++++++++++++++++++
32 files changed, 32 insertions(+)

```

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MINGW64/c/Users/kit/desktop/project_dir/Assignments
k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (html-assignments)
$ git add html1.html

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (html-assignments)
$ git status
On branch html-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   html1.html

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (html-assignments)
$ git commit -m "html1 modified"
[html-assignments 3f13e40] html1 modified
1 file changed, 1 insertion(+), 2 deletions(-)

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (html-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git merge html-assignments
Merge made by the 'recursive' strategy.
 Assignments/html1.html | 10 ++++++
 Assignments/html2.html | 22 ++++++
 2 files changed, 32 insertions(+)
 create mode 100644 Assignments/html1.html
 create mode 100644 Assignments/html2.html

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 6 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was 3f13e40).

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ |
```

sec 2

```
MINGW64/c/Users/kit/desktop/project_dir/Assignments
k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git branch css-assignments

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git status
On branch css-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        1.css
        2.css

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

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git add .

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git commit -m "css-assignments branch commit"
[css-assignments 0cca9ac] css-assignments branch commit
2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Assignments/1.css
 create mode 100644 Assignments/2.css

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git add README.txt

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git commit -m "readme modified"
[css-assignments 41e071e] readme modified
1 file changed, 2 insertions(+), 1 deletion(-)

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git status
On branch css-assignments
nothing to commit, working tree clean

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 6 commits.
  (use "git push" to publish your local commits)

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git add README.txt

k@BDESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
```

```
MINGW64/c/Users/kit/desktop/project_dir/Assignments
ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git branch css-assignments

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git status
On branch css-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    1.css
    2.css

nothing added to commit but untracked files present (use "git add" to track)
ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git add .

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git commit -m "css-assignments branch commit"
[css-assignments Occa9ac] css-assignments branch commit
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Assignments/1.css
create mode 100644 Assignments/2.css

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git add README.txt

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git commit -m "readme modified"
[css-assignments 41c071e] readme modified
1 file changed, 2 insertions(+), 1 deletion(-)

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git status
On branch css-assignments
nothing to commit, working tree clean

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 6 commits.
  (use "git push" to publish your local commits)

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git add README.txt

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (master)
```

Activate Windows
Go to Settings to activate Windows.

```
MINGW64/c/Users/kit/desktop/project_dir/Assignments
ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git branch css-assignments

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git checkout css-assignments
Switched to branch 'css-assignments'

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git status
On branch css-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    1.css
    2.css

nothing added to commit but untracked files present (use "git add" to track)
ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git add .

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git commit -m "css-assignments branch commit"
[css-assignments Occa9ac] css-assignments branch commit
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Assignments/1.css
create mode 100644 Assignments/2.css

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git add README.txt

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git commit -m "readme modified"
[css-assignments 41c071e] readme modified
1 file changed, 2 insertions(+), 1 deletion(-)

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git status
On branch css-assignments
nothing to commit, working tree clean

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (css-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 6 commits.
  (use "git push" to publish your local commits)

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git add README.txt

ktr@DESKTOP-IM0B030 MINGW64 ~/desktop/project_dir/Assignments (master)
```

Activate Windows
Go to Settings to activate Windows.

```
MINGW64/c/Users/kit/desktop/project_dir/Assignments
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git branch js-assignments
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git checkout js-assignments
Switched to branch 'js-assignments'
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git add .
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git status
On branch js-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   11.js
        new file:   12.js
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git commit -m "js assignments"
[js-assignments 5b3bf41] js assignments
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Assignments/11.js
 create mode 100644 Assignments/12.js
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git add .
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git commit -m "readme modified"
[js-assignments 77cd60e] readme modified
 1 file changed, 1 insertion(+)
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 10 commits.
  (use "git push" to publish your local commits)
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 10 commits.
  (use "git push" to publish your local commits)
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:   README.txt
no changes added to commit (use "git add" and/or "git commit -a")
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git add .
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git commit -m "readme modified on master"
[master d59821a] readme modified on master
 1 file changed, 1 insertion(+)
```

```
MINGW64/c/Users/kit/desktop/project_dir/Assignments
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git commit -m "js assignments"
[js-assignments 5b3bf41] js assignments
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Assignments/11.js
 create mode 100644 Assignments/12.js
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git add .
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git commit -m "readme modified"
[js-assignments 77cd60e] readme modified
 1 file changed, 1 insertion(+)
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (js-assignments)
$ git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 10 commits.
  (use "git push" to publish your local commits)
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 10 commits.
  (use "git push" to publish your local commits)
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:   README.txt
no changes added to commit (use "git add" and/or "git commit -a")
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git add .
kt@DESKTOP-IM08030 MINGW64 ~/desktop/project_dir/Assignments (master)
$ git commit -m "readme modified on master"
[master d59821a] readme modified on master
 1 file changed, 1 insertion(+)
```