

Exercise 01

```
MINGW64/c/Users/pundi/Desktop/Exercise-1
pundi@DESKTOP-UUIU1JO MINGW64 ~
$ cd Desktop/

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop
$ mkdir Exercise-1

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop
$ cd Exercise-1/

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-1
$ git init
Initialized empty Git repository in C:/Users/pundi/Desktop/Exercise-1/.git/

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-1 (master)
$ ls
index.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-1 (master)
$ git add .

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-1 (master)
$ git commit -m "Initial Message"
[master (root-commit) 39bc38c] Initial Message
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-1 (master)
$
```

Exercise 02

```
MINGW64/c/Users/pundi/Desktop/Exercise-2
pundi@DESKTOP-UUIU1JO MINGW64 ~
$ cd Desktop/

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop
$ mkdir Exercise-2

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop
$ cd Exercise-2

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-2
$ git init
Initialized empty Git repository in C:/Users/pundi/Desktop/Exercise-2/.git/

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-2 (master)
$ ls
about.html index.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-2 (master)
$ git add about.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-2 (master)
$ git commit -m "File about.html added"
[master (root-commit) 28f0113] File about.html added
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 about.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/Exercise-2 (master)
$
```

Exercise 3

```
MINGW64/c/Users/pundl/Desktop/Exercise-3
pundl@DESKTOP-AUJUL30 MINGW64 ~
$ cd Desktop/

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop
$ mkdir Exercise-3

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop
$ cd Exercise-3/

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3
$ git init
Initialized empty Git repository in C:/Users/pundl/Desktop/Exercise-3/.git/

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3 (master)
$ ls
index.html

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3 (master)
$ git add .

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3 (master)
$ git commit -m "adding index.html"
bash: cd: too many arguments

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3 (master)
$ git commit -m "adding index.html"
[master (root-commit) 4509ca2] adding index.html
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html

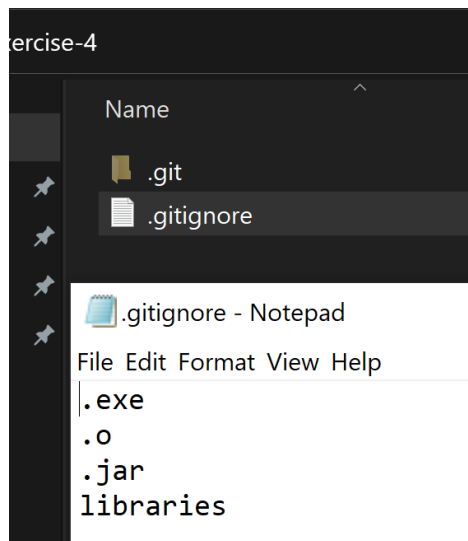
pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3 (master)
$ ls
about.html  index.html


pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3 (master)
$ git add about.html

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3 (master)
$ git commit --amend -m "Adding index.html and about.html"
[master 8bc1670] Adding index.html and about.html
Date: Thu Jun 10 04:18:15 2021 -0400
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 about.html
create mode 100644 index.html

pundl@DESKTOP-AUJUL30 MINGW64 ~/Desktop/Exercise-3 (master)
$
```

Exercise 4



 MINGW64:/c/Users/pundi/Desktop/Exercise-4

pundi@DESKTOP-UUIU1J0 MINGW64 ~

\$ cd Desktop/

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop

\$ mkdir Exercise-4

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop

\$ cd Exercise-4

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/Exercise-4

\$ git init

Initialized empty Git repository in C:/Users/pundi/Desktop/Exercise-4/.git/

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/Exercise-4 (master)

\$ touch .gitignore

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/Exercise-4 (master)

\$ git add .gitignore

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/Exercise-4 (master)

\$ _

Exercise 6

```
pundi@DESKTOP-UUIU1J0 MINGW64 ~
$ cd Desktop/

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop
$ mkdir exercise-6

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop
$ cd exercise-6

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6
$ git init
Initialized empty Git repository in C:/Users/pundi/Desktop/exercise-6/.git/

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ ls
about.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git add about.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git commit -m "commit about.html"
[master (root-commit) 3db3986] commit about.html
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 about.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ ls
about.html  index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git add index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git commit -m "commit index.html"
[master d7d183c] commit index.html
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git add sample.txt

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git commit -m "commit index.html"
[master d7d183c] commit index.html
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git add sample.txt

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git commit -m "commit sample.txt"
[master a3de7a3] commit sample.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 sample.txt

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git add sample_2.txt

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git commit -m "commit sample_2.txt"
[master 5b32a14] commit sample_2.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 sample_2.txt

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$ git reset --soft HEAD~2

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-6 (master)
$
```

Exercise 7

```
C:\Users\pundi\Desktop\exercise-7
pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-6 (master)
$ cd ..

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop
$ mkdir exercise-7

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop
$ cd exercise-7

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7
$ git init
Initialized empty Git repository in C:/Users/pundi/Desktop/exercise-7/.git/

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7 (master)
$ git add about.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7 (master)
$ git commit -m "commit about.html"
[master (root-commit) aa06603] commit about.html
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 about.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7 (master)
$ git add index.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7 (master)
$ git commit -m "commit index.html"
[master fcd2d4a] commit index.html
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7 (master)
$ git add sample.txt

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7 (master)
$ git commit -m "commit sample.txt"
[master 18ff811] commit sample.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 sample.txt

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7 (master)
$ git reset --hard HEAD~2
HEAD is now at aa06603 commit about.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-7 (master)
$
```

Exercise 8

```
C:\MINGW64\c:/Users/pundi/Desktop/exercise-8

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop
$ mkdir exercise-8

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop
$ cd exercise-8

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8
$ git init
Initialized empty Git repository in C:/Users/pundi/Desktop/exercise-8/.git/

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ git add index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ git commit -m "comit index.html"
[master (root-commit) f218322] comit index.html
1 file changed, 9 insertions(+)
create mode 100644 index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ git branch
* master

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ git branch my-feature

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ git branch
* master
  my-feature

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ git checkout m
master      my-feature

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ git checkout my-feature
Switched to branch 'my-feature'

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (my-feature)
$ nano about-us.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (my-feature)
$ ls
about-us.html  index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (my-feature)
$ git add .
warning: LF will be replaced by CRLF in about-us.html.
```

```
pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (my-feature)
$ ls
about-us.html  index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (my-feature)
$ git add .
warning: LF will be replaced by CRLF in about-us.html.
The file will have its original line endings in your working directory

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (my-feature)
$ git commit -m "from my-feature"
[my-feature db715a9] from my-feature
 1 file changed, 1 insertion(+)
 create mode 100644 about-us.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (my-feature)
$ git checkout master
Switched to branch 'master'

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ git merge my-feature
Updating f218322..db715a9
Fast-forward
 about-us.html | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 about-us.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ ls
about-us.html  index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-8 (master)
$ _
```

Assignment 9

```
MINGW64:/c/Users/pundi/Desktop/exercise-9

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop
$ cd exercise-9

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9
$ git init
Initialized empty Git repository in C:/Users/pundi/Desktop/exercise-9/.git/

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9 (master)
$ git add index.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9 (master)
$ git commit -m "comit index.html"
[master (root-commit) b22df69] comit index.html
1 file changed, 9 insertions(+)
create mode 100644 index.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9 (master)
$ git branch my-feature

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9 (master)
$ git checkout my-feature
Switched to branch 'my-feature'

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9 (my-feature)
$ nano about-us.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9 (my-feature)
$ git add .
warning: LF will be replaced by CRLF in about-us.html.
The file will have its original line endings in your working directory

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9 (my-feature)
$ git commit -m "from my-feature"
[my-feature f328fa5] from my-feature
1 file changed, 1 insertion(+)
create mode 100644 about-us.html

pundi@DESKTOP-UUIU1JO MINGW64 ~/Desktop/exercise-9 (my-feature)
$ git commit -m "from my-feature"
On branch my-feature
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

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



```
C:\> MINGW64:/c/Users/pundi/Desktop/exercise-9
pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (my-feature)
$ git commit -m "from my-feature"
On branch my-feature
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

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

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (my-feature)
$ git add .

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (my-feature)
$ git commit -m "from my-feature"
[my-feature 8d15aa5] from my-feature
 1 file changed, 1 insertion(+)

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (my-feature)
$ cat index.html
<!DOCTYPE html>
<html>
<body>

<h1>Heading</h1>
<p>paragraph.</p>
<p>paragraph 2.</p>

</body>
</html>
pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (my-feature)
$ git checkout master
Switched to branch 'master'

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master)
$ git add .

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master)
$ git commit -m "from master"
[master 74d56ef] from master
 1 file changed, 1 insertion(+), 1 deletion(-)

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master)
$ git merge my-feature
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.
```

```
pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master)
$ git commit -m "from master"
[master 74d56ef] from master
1 file changed, 1 insertion(+), 1 deletion(-)

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master)
$ git merge my-feature
Auto-merging index.html
CONFLICT (content): Merge conflict in index.html
Automatic merge failed; fix conflicts and then commit the result.

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master|MERGING)
$ git commit -m "from master with resolved conflicts"
error: Committing 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.
U      index.html

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master|MERGING)
$ git add .

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master|MERGING)
$ git commit -m "from master with resolved conflicts"
[master 6a0d565] from master with resolved conflicts

pundi@DESKTOP-UUIU1J0 MINGW64 ~/Desktop/exercise-9 (master)
$
```