

EXERCISE 1

```
Select Command Prompt
C:\Users\kakka\Documents\GitAssignments>git init
Initialized empty Git repository in C:/Users/kakka/Documents/GitAssignments/.git/

C:\Users\kakka\Documents\GitAssignments>git add index.html
fatal: pathspec 'index.html' did not match any files

C:\Users\kakka\Documents\GitAssignments>echo "This is an index file" > index.html

C:\Users\kakka\Documents\GitAssignments>dir
Volume in drive C is Windows
Volume Serial Number is 4004-FF25

Directory of C:\Users\kakka\Documents\GitAssignments

04/15/2021  05:00 PM  <DIR>          .
04/15/2021  05:00 PM  <DIR>          ..
04/15/2021  05:00 PM                26 index.html
               1 File(s)                26 bytes
               2 Dir(s) 106,219,188,224 bytes free

C:\Users\kakka\Documents\GitAssignments>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)

C:\Users\kakka\Documents\GitAssignments>git add index.html

C:\Users\kakka\Documents\GitAssignments>git commit -m "Initial message"
[master (root-commit) 2819685] Initial message
 1 file changed, 1 insertion(+)
 create mode 100644 index.html

C:\Users\kakka\Documents\GitAssignments>git status
On branch master
nothing to commit, working tree clean
```

EXERCISE 2

```
MINGW64/c:/Users/kakka/documents/GitAssignments/exercise2

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise2 (master)
$ git status
On branch master

No commits yet

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

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

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise2 (master)
$ git add about.html

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise2 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   about.html

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

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise2 (master)
$ git commit -m "file about.html added"
[master (root-commit) 49c4ea2] file about.html added
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 about.html

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise2 (master)
$ git status
On branch 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)

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise2 (master)
$
```

EXERCISE 3

```
MINGW64/c/Users/kakka/documents/GitAssignments/exercise3
kakka@Svenis-pc MINGW64 ~/documents (master)
$ cd GitAssignments

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments (master)
$ cd exercise 3
bash: cd: too many arguments

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments (master)
$ cd exercise3

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise3 (master)
$ git init
Initialized empty Git repository in C:/Users/kakka/Documents/GitAssignments/exercise3/.git/

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise3 (master)
$ echo "this is index file" >> index.html

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise3 (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

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise3 (master)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: 'git config advice.addEmptyPathsSpec false'

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise3 (master)
$ git commit -m "adding index.html"
[master (root-commit) f68e10d] adding index.html
1 file changed, 1 insertion(+)
create mode 100644 index.html

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise3 (master)
$ echo "this is about file" > about.html

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise3 (master)
$ git commit --amend -m "adding index.html and about.html"
[master 4c482f5] adding index.html and about.html
Date: Thu Apr 15 18:36:55 2021 -0400
1 file changed, 1 insertion(+)
create mode 100644 index.html

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise3 (master)
$
```

EXERCISE 4

```
MINGW64/c/Users/kakka/documents/GitAssignments/exercise4
kakka@Svenis-pc MINGW64 - (master)
$ cd documents

kakka@Svenis-pc MINGW64 ~/documents (master)
$ cd GitAssignments

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments (master)
$ cd exercise4

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$ git init
Reinitialized existing Git repository in C:/Users/kakka/Documents/GitAssignments/exercise4/.git/

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$ touch .gitignore

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$ echo '*.exe' > .gitignore

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$ cat .gitignore
*.exe

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$ echo '*.jar' > .gitignore

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$ cat .gitignore
*.jar

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$ echo '*.o' > .gitignore

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$ cat .gitignore
*.o

kakka@Svenis-pc MINGW64 ~/documents/GitAssignments/exercise4 (master)
$
```

EXERCISE 5

```
MINGW64/c/Users/kakka/documents/GitAssignments
$ git commit -m "Added index file"
[master 3436cf6] Added index file
1 file changed, 1 insertion(+), 1 deletion(-)

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments (master)
$ git log
commit 3436cf6f38ec79c9bb7f8373bbe9d79a18b54801 (HEAD -> master)
Author: Swen1 <swen1.m.thakkar@gmail.com>
Date: Thu Apr 15 20:01:46 2021 -0400

    Added index file

commit 2819685765447dd10516a127acb8d7ea4b3e3646
Author: Swen1 <swen1.m.thakkar@gmail.com>
Date: Thu Apr 15 17:04:44 2021 -0400

    Initial message

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments (master)
$ git stash
No local changes to save

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments (master)
$ git stash apply
No stash entries found.

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments (master)
$ git stash list

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments (master)
$ git stash apply1
fatal: unknown subcommand: apply1

usage: git stash list [<options>]
or: git stash show [<options>] [<stash>]
or: git stash drop [-q|--quiet] [<stash>]
or: git stash (pop | apply) [--index] [-q|--quiet] [<stash>]
or: git stash branch <branchname> [<stash>]
or: git stash clear
or: git stash [push [-p|--patch] [-k|--[no-]keep-index] [-q|--quiet]
    [-u|--include-untracked] [-a|--all]] [-m|--message <message>]
    [--pathspec-from-file=<file> [--pathspec-file-null]]
    [--] [<pathspec>...]]
or: git stash save [-p|--patch] [-k|--[no-]keep-index] [-q|--quiet]
    [-u|--include-untracked] [-a|--all]] [<message>]

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments (master)
$ git stash list
```

EXERCISE 6

```
MINGW64/c/Users/kakka/documents/GitAssignments/exercise6
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ git add .
warning: LF will be replaced by CRLF in about.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ git commit -m "adding both files"
[master (root-commit) f5f65b3] adding both files
2 files changed, 2 insertions(+)
create mode 100644 about.html
create mode 100644 index.html

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ echo "this is experiment file" >> experiment.html

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ git add .
warning: LF will be replaced by CRLF in experiment.html.
The file will have its original line endings in your working directory
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ git commit -m "adding experiment file"
[master e2d981a] adding experiment file
1 file changed, 1 insertion(+)
create mode 100644 experiment.html

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ ls
about.html  experiment.html  index.html

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ git reset --soft HEAD

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ git reset --soft HEAD~1

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   experiment.html

kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise6 (master)
$
```

EXERCISE 7

```
MINGW64/c/Users/kakka/documents/GitAssignments/exercise7
kakka@Swenis-pc MINGW64 ~/documents (master)
$ cd GitAssignments
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments (master)
$ cd exercise7
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise7 (master)
$ git init
Initialized empty Git repository in C:/Users/kakka/Documents/GitAssignments/exercise7/.git/
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise7 (master)
$ echo "this is first file" >> first.html
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise7 (master)
$ echo "this is second file" >> second.html
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise7 (master)
$ git add
warning: LF will be replaced by CRLF in first.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in second.html.
The file will have its original line endings in your working directory
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise7 (master)
$ git commit -m "adding both files"
[master (root-commit) 82e6496] adding both files
2 files changed, 2 insertions(+)
create mode 100644 first.html
create mode 100644 second.html
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise7 (master)
$ git log
commit 82e6496d5ccabf4fb10fa03dbafdd0945d0bf5a (HEAD -> master)
Author: Sweni <sweni.m.thakkar@gmail.com>
Date: Thu Apr 15 20:30:53 2021 -0400

    adding both files
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise7 (master)
$ git reset --hard HEAD~1
fatal: ambiguous argument 'HEAD~1': unknown revision or path not in the working
tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise7 (master)
$
```

EXERCISE 8

```
MINGW64/c/Users/kakka/documents/GitAssignments/exercise8
The file will have its original line endings in your working directory
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git commit -m "index file"
[master (root-commit) 46cd277] index file
1 file changed, 1 insertion(+)
create mode 100644 index.html
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git branch my-feature
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git branch
* master
  my-feature
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ echo "this is about file" >> about.html
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git add about.html
bash: git: command not found
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git add about.html
warning: LF will be replaced by CRLF in about.html.
The file will have its original line endings in your working directory
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git commit -m "about file added"
[master 1d57069] about file added
1 file changed, 1 insertion(+)
create mode 100644 about.html
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git checkout master
Already on 'master'
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git branch
* master
  my-feature
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$ git merge my-feature
Already up to date.
kakka@Swenis-pc MINGW64 ~/documents/GitAssignments/exercise8 (master)
$
```