

1. Exercise-1:

```
Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ git init Exercise-1
Initialized empty Git repository in C:/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-1/.git/

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-1

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-1 (master)
$ echo 'Hello World!' > index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-1 (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

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-1 (master)
$ git commit -m "Initial Message"
[master (root-commit) 0ea0e42] Initial Message
1 file changed, 1 insertion(+)
create mode 100644 index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-1 (master)
$
```

2. Exercise-2:

```
Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ git init Exercise-2
Initialized empty Git repository in C:/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-2/.git/

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-2

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-2 (master)
$ ls

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-2 (master)
$ echo 'Hello World!' > index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-2 (master)
$ echo 'Good Evening!' > about.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-2 (master)
$ ls
about.html  index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-2 (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

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-2 (master)
$ git commit -m "File x added"
[master (root-commit) d62868e] File x added
1 file changed, 1 insertion(+)
create mode 100644 about.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-2 (master)
$
```

3. Exercise-3

```

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-3 (master)
$ cd ..

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ git init Exercise-3
Initialized empty Git repository in C:/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-3/.git/

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-3

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-3 (master)
$ echo 'Hello World!' > index.html

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-3 (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

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-3 (master)
$ git commit -m "adding index.html"
[master (root-commit) e9e6eec] adding index.html
1 file changed, 1 insertion(+)
create mode 100644 index.html

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-3 (master)
$ echo 'Good Evening!' > about.html

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-3 (master)
$ git commit --amend -m 'Adding index.html and about.html'
[master 287bc97] Adding index.html and about.html
Date: Sat Jun 12 01:13:10 2021 -0400
1 file changed, 1 insertion(+)
create mode 100644 index.html

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-3 (master)
$

```

4. Exercise-4

```

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master|MERGING)
$ cd ..

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ git init Exercise-4
Initialized empty Git repository in C:/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-4/.git/

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-4

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-4 (master)
$ touch .gitignore

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-4 (master)
$ vi .gitignore

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-4 (master)
$ git status
On branch master

No commits yet

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

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

jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-4 (master)
$

```

 MINGW64:/c/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-4

```

.exe
.o
.jar
.lib

```

5. Exercise-5

```
Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask (master)
$ git init Exercise-5
Initialized empty Git repository in C:/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-5/.git/

Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-5

Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask/Exercise-5 (master)
$ echo 'Hello World!' > index.txt

Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask/Exercise-5 (master)
$ echo 'Good Evening!' > about.txt

Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask/Exercise-5 (master)
$ git add .
warning: LF will be replaced by CRLF in about.txt.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in index.txt.
The file will have its original line endings in your working directory

Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask/Exercise-5 (master)
$ git commit -m "first commit"
[master (root-commit) 80e846d] first commit
2 files changed, 2 insertions(+)
create mode 100644 about.txt
create mode 100644 index.txt

Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask/Exercise-5 (master)
$ git stash
warning: LF will be replaced by CRLF in about.txt.
The file will have its original line endings in your working directory
Saved working directory and index state WIP on master: 80e846d first commit

Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask/Exercise-5 (master)
$ git reflog
80e846d (HEAD -> master) HEAD@{0}: reset: moving to HEAD
80e846d (HEAD -> master) HEAD@{1}: commit (initial): first commit

Jyotshna Reddy Ette@DESKTOP-5R50QNM MINGW64 ~/Desktop/Gittask/Exercise-5 (master)
$ |
```

6. Exercise-6

```
Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ git init Exercise-6
Initialized empty Git repository in C:/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-6/.git/

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-6

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ touch a.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git add a.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git commit -m "first commit"
[master (root-commit) 53fb6fe] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 a.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ touch b.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git add b.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git commit -m "second commit"
[master 83c9e46] second commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 b.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ touch c.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git add c.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git commit -m "third commit"
[master d245392] third commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 c.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git reflog
d245392 (HEAD -> master) HEAD@{0}: commit: third commit
83c9e46 HEAD@{1}: commit: second commit
53fb6fe HEAD@{2}: commit (initial): first commit

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git reset --soft HEAD^

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git reset --soft HEAD@{1}

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git reflog
```

```
Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git reset --soft HEAD@{1}

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git reflog
83c9e46 (HEAD -> master) HEAD@{0}: reset: moving to HEAD@{1}
d245392 HEAD@{1}: commit: third commit
83c9e46 (HEAD -> master) HEAD@{2}: commit: second commit
53fb6fe HEAD@{3}: commit (initial): first commit

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-6 (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   c.html
```

7. Exercise-7

```

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-7

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ touch a.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git add a.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git commit -m "first commit"
[master (root-commit) 49e6a82] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 a.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git add b.html
fatal: pathspec 'b.html' did not match any files

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ touch b.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git add b.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git commit -m "second commit"
[master 639f36f] second commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 b.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ touch c.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git add c.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git commit -m "third commit"
[master 43d0e4f] third commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 c.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git reset --hard HEAD@{1}
HEAD is now at 639f36f second commit

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$ git reflog
639f36f (HEAD -> master) HEAD@{0}: reset: moving to HEAD@{1}
43d0e4f HEAD@{1}: commit: third commit
639f36f (HEAD -> master) HEAD@{2}: commit: second commit
49e6a82 HEAD@{3}: commit (initial): first commit

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-7 (master)
$

```

8. Exercise-8

MINGW64:/c/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-8

```
Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-8

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (master)
$ echo 'Hello World!' > index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (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

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (master)
$ git commit -m "commit"
[master (root-commit) b76b0a8] commit
1 file changed, 1 insertion(+)
create mode 100644 index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (master)
$ git checkout -b my-feature
Switched to a new branch 'my-feature'

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (my-feature)
$ echo 'Good Evening!' > about.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (my-feature)
$ 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

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (my-feature)
$ git commit -m "second commit"
[my-feature 9e2d41f] second commit
1 file changed, 1 insertion(+)
create mode 100644 about.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (my-feature)
$ git checkout my-feature
Already on 'my-feature'

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (my-feature)
$ git checkout master
Switched to branch 'master'

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-8 (master)
$ git merge my-feature
Updating b76b0a8..9e2d41f
Fast-forward
 about.html | 1 +
1 file changed, 1 insertion(+)
create mode 100644 about.html
```

9. Exercise-9

MINGW64:/c:/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-9

```
Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ git init Exercise-9
Initialized empty Git repository in C:/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-9/.git/

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask (master)
$ cd Exercise-9

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master)
$ echo 'Hello World!' > index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (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

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master)
$ git commit -m "first commit"
[master (root-commit) 287e748] first commit
1 file changed, 1 insertion(+)
create mode 100644 index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master)
$ git checkout -b my-feature
Switched to a new branch 'my-feature'

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (my-feature)
$ echo 'Good Evening!' > about-us.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (my-feature)
$ git add about-us.html
warning: LF will be replaced by CRLF in about-us.html.
The file will have its original line endings in your working directory

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (my-feature)
$ git commit -m "second commit"
[my-feature 9cf6eb5] second commit
1 file changed, 1 insertion(+)
create mode 100644 about-us.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (my-feature)
$ vi index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (my-feature)
$ 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

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (my-feature)
$ git commit -m "new index commit"
[my-feature f8296b5] new index commit
1 file changed, 1 insertion(+)

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (my-feature)
$ git checkout master
Switched to branch 'master'

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master)
```


MINGW64:/c/Users/Jyotshna Reddy Ette/Desktop/Gittask/Exercise-9

```
Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (my-feature)
$ git checkout master
Switched to branch 'master'

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master)
$ vi index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master)
$ git add index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master)
$ git commit -m "again new index commit"
[master 0750f0d] again new index commit
1 file changed, 1 insertion(+)

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/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.

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master|MERGING)
$ vim index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master|MERGING)
$ vi index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (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:   about-us.html

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

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master|MERGING)
$ git add index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master|MERGING)
$ git status
On branch master
All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
  new file:   about-us.html
  modified:   index.html

Jyotshna Reddy Ette@DESKTOP-5R5OQNM MINGW64 ~/Desktop/Gittask/Exercise-9 (master|MERGING)
$
```