**Section 0**

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment

$ mkdir project\_dir

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment

$ cd project\_dir/

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir

$ git init

Initialized empty Git repository in D:/capg/Assignments/git assignment/project\_dir/.git/

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ touch index.html

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/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)

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git commit -m "index.html added to repo"

[master (root-commit) 000b4b0] index.html added to repo

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 index.html

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ touch info.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/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")

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ touch .gitignore

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git add .gitignore

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git commit -m "gitignore commited"

[master ff2fa7a] gitignore commited

1 file changed, 1 insertion(+)

create mode 100644 .gitignore

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/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

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

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git commit -m "index.html updated"

[master 2fa52ed] index.html updated

1 file changed, 1 insertion(+)

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git log

commit 2fa52ed8ef0dae3a6b569893626b5f06b5285752 (HEAD -> master)

Author: diary45 <42435491+diary45@users.noreply.github.com>

Date: Mon Aug 9 14:50:30 2021 +0530

index.html updated

commit ff2fa7a685659990b7ee9c47d00486adc72ac195

Author: diary45 <42435491+diary45@users.noreply.github.com>

Date: Mon Aug 9 14:49:39 2021 +0530

gitignore commited

commit 000b4b04de8d8986a257ed88b2223d34f92c5625

Author: diary45 <42435491+diary45@users.noreply.github.com>

Date: Mon Aug 9 14:46:40 2021 +0530

index.html added to repo

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git reset --HARD HEAD~

error: unknown option `HARD'

usage: git reset [--mixed | --soft | --hard | --merge | --keep] [-q] [<commit>]

or: git reset [-q] [<tree-ish>] [--] <pathspec>...

or: git reset [-q] [--pathspec-from-file [--pathspec-file-nul]] [<tree-ish>]

or: git reset --patch [<tree-ish>] [--] [<pathspec>...]

or: DEPRECATED: git reset [-q] [--stdin [-z]] [<tree-ish>]

-q, --quiet be quiet, only report errors

--mixed reset HEAD and index

--soft reset only HEAD

--hard reset HEAD, index and working tree

--merge reset HEAD, index and working tree

--keep reset HEAD but keep local changes

--recurse-submodules[=<reset>]

control recursive updating of submodules

-p, --patch select hunks interactively

-N, --intent-to-add record only the fact that removed paths will be added later

--pathspec-from-file <file>

read pathspec from file

--pathspec-file-nul with --pathspec-from-file, pathspec elements are separated with NUL character

-z DEPRECATED (use --pathspec-file-nul instead): paths are separated with NUL character

--stdin DEPRECATED (use --pathspec-from-file=- instead): read paths from <stdin>

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git reset --hard HEAD~

HEAD is now at ff2fa7a gitignore commited

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ alia my-add="git add"

bash: alia: command not found

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ alias my-add="git add"

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ my-add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git commit -m "index.html updated"

On branch master

nothing to commit, working tree clean

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ git reset --hard HEAD~

HEAD is now at 000b4b0 index.html added to repo

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

**Section-1**

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ mkdir Assignments

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ cd

.git/ Assignments/ index.html info.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir (master)

$ cd Assignments/

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ touch README.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: README.txt

Untracked files:

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

../info.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git commit -m "README file added"

[master bf4c594] README file added

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 Assignments/README.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git branch html-assignments

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git switch

html-assignments master

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git switch html-assignments

Switched to branch 'html-assignments'

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (html-assignments)

$ git touch index.html

git: 'touch' is not a git command. See 'git --help'.

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (html-assignments)

$ touch index.html

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (html-assignments)

$ git add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (html-assignments)

$ git commit -m "html files added"

[html-assignments 2b1625c] html files added

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 Assignments/index.html

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (html-assignments)

$ git add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (html-assignments)

$ git commit -m "changed html"

[html-assignments 80dfc07] changed html

1 file changed, 3 insertions(+)

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (html-assignments)

$ git switch master

Switched to branch 'master'

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git merge html-assignments

Updating bf4c594..80dfc07

Fast-forward

Assignments/index.html | 3 +++

1 file changed, 3 insertions(+)

create mode 100644 Assignments/index.html

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git branch -d html-assignments

Deleted branch html-assignments (was 80dfc07).

**Section-2**

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git branch css-assignment

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git switch css-assignment

Switched to branch 'css-assignment'

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ touch index.css

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git status

On branch css-assignment

Untracked files:

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

index.css

../info.txt

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

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git commit

[css-assignment 6f69802] css added

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 Assignments/index.css

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git status

On branch css-assignment

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

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")

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git switch master

Switched to branch 'master'

M Assignments/README.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: README.txt

Untracked files:

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

../info.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git switch css-assignment

Switched to branch 'css-assignment'

M Assignments/README.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git status

On branch css-assignment

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: README.txt

Untracked files:

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

../info.txt

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git commit -m "css readme updated"

[css-assignment 3ec8a69] css readme updated

1 file changed, 1 insertion(+)

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git switch master

Switched to branch 'master'

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git commit -am "master readme updated"

On branch master

Untracked files:

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

../info.txt

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

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git commit -am "master readme updated"

[master d0525c8] master readme updated

1 file changed, 3 insertions(+)

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git switch css-assignment

Switched to branch 'css-assignment'

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git status

On branch css-assignment

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.css

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")

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git commit -m "css modified"

[css-assignment 13c1214] css modified

1 file changed, 3 insertions(+)

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (css-assignment)

$ git switch master

Switched to branch 'master'

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git merge css-assignment

Auto-merging Assignments/README.txt

CONFLICT (content): Merge conflict in Assignments/README.txt

Automatic merge failed; fix conflicts and then commit the result.

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master|MERGING)

$ git merge css-assignment

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.

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master|MERGING)

$ git add .

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master|MERGING)

$ git commit -m "conflict resolved"

[master a9fed11] conflict resolved

diary@LAPTOP-G8DJREFO MINGW64 /d/capg/Assignments/git assignment/project\_dir/Assignments (master)

$ git branch -d css-assignment

Deleted branch css-assignment (was 13c1214).