SECTION-0

Hp@DESKTOP-FH7NJPT MINGW64 ~ (master)

$ mkdir project\_dir

Hp@DESKTOP-FH7NJPT MINGW64 ~ (master)

$ cd project\_dir

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git init

Initialized empty Git repository in C:/Users/Hp/project\_dir/.git/

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ touch index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/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)

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git add index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git commit -m "adding index.html"

[master (root-commit) cd7952c] adding index.html

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

create mode 100644 index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ touch info.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/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")

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ touch .gitignore

Hp@DESKTOP-FH7NJPT MINGW64 ~/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")

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git add index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git commit -m "edited"

[master 70102e9] edited

1 file changed, 8 insertions(+)

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git log

commit 70102e9d9a4fe654f381b7ed633ebc52e1987b93 (HEAD -> master)

Author: Jennifer <someone@someplace.com>

Date: Thu Sep 30 09:49:47 2021 +0300

edited

commit cd7952c869bf60757a882045fa15b1902d6e771b

Author: Jennifer <someone@someplace.com>

Date: Thu Sep 30 09:46:42 2021 +0300

adding index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git checkout -- index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git add index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git status

On branch master

Changes to be committed:

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

modified: index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git restore --staged index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git config --global alias.myadd add

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git myadd index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git commit -m "edited again"

[master caa27f2] edited again

1 file changed, 1 insertion(+), 1 deletion(-)

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git status

On branch master

nothing to commit, working tree clean

Hp@DESKTOP-FH7NJPT MINGW64 ~/project\_dir (master)

$ git reset --soft HEAD~1

GIT BRANCHING

SECTION-1

Hp@DESKTOP-FH7NJPT MINGW64 ~ (master)

$ mkdir Assignments

Hp@DESKTOP-FH7NJPT MINGW64 ~ (master)

$ cd Assignments

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git init

Initialized empty Git repository in C:/Users/Hp/Assignments/.git/

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ touch README.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git add .

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git commit -m "add the file"

[master (root-commit) 4679d9e] add the file

1 file changed, 1 insertion(+)

create mode 100644 README.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git branch html\_assignments

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git checkout html\_assignments

Switched to branch 'html\_assignments'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git add index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git commit -m "adding files"

[html\_assignments 9a2d335] adding files

1 file changed, 8 insertions(+)

create mode 100644 index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git status

On branch html\_assignments

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")

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ add index.html

bash: add: command not found

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git add index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git commit -m "edited"

[html\_assignments 7cacca4] edited

1 file changed, 1 insertion(+), 1 deletion(-)

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git checkout master

Switched to branch 'master'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git add README.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git commit -m "edited README.txt"

[master 5412f05] edited README.txt

1 file changed, 2 insertions(+), 1 deletion(-)

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git checkout html\_assignments

Switched to branch 'html\_assignments'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git add index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git commit -m "changes made"

[html\_assignments 024e1ab] changes made

1 file changed, 1 insertion(+)

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (html\_assignments)

$ git checkout master

Switched to branch 'master'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git merge html\_assignments

Merge made by the 'recursive' strategy.

index.html | 9 +++++++++

1 file changed, 9 insertions(+)

create mode 100644 index.html

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git status

On branch master

nothing to commit, working tree clean

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git branch -d html\_assignments

Deleted branch html\_assignments (was 024e1ab).

SECTION-2

Hp@DESKTOP-FH7NJPT MINGW64 ~ (master)

$ cd Assignments

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git branch css\_assignments

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git checkout css\_assignments

Switched to branch 'css\_assignments'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (css\_assignments)

$ git add file.css

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (css\_assignments)

$ git commit -m "adding file.css"

[css\_assignments 8c54fa6] adding file.css

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

create mode 100644 file.css

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (css\_assignments)

$ git add README.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (css\_assignments)

$ git commit -m "edited README.txt"

[css\_assignments aa1ecb0] edited README.txt

1 file changed, 1 insertion(+)

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (css\_assignments)

$ git checkout master

Switched to branch 'master'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git add README.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git commit -m "changed text in 3rd line"

[master 23c35e4] changed text in 3rd line

1 file changed, 3 insertions(+)

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git checkout css\_assignments

Switched to branch 'css\_assignments'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (css\_assignments)

$ git add README.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (css\_assignments)

$ git commit -m "Edited text in the 2nd line"

[css\_assignments d81b9e5] Edited text in the 2nd line

1 file changed, 2 insertions(+), 1 deletion(-)

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (css\_assignments)

$ git checkout master

Switched to branch 'master'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git merge css\_assignments

Auto-merging README.txt

CONFLICT (content): Merge conflict in README.txt

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

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master|MERGING)

$ git merge --abort

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git merge css\_assignments

Auto-merging README.txt

CONFLICT (content): Merge conflict in README.txt

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

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (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: file.css

Unmerged paths:

(use "git add <file>..." to mark resolution)

both modified: README.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master|MERGING)

$ git add README.txt

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master|MERGING)

$ git commit -m "merging"

[master 4aa6ae4] merging

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git merge css\_assignments

Already up to date.

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git branch -d css\_assignments

Deleted branch css\_assignments (was d81b9e5).

SECTION-3

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git branch js-assignments

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (js-assignments)

$ git add .

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (js-assignments)

$ git commit -a -m "added all files"

[js-assignments 961c1e9] added all files

2 files changed, 1 insertion(+)

create mode 100644 java.js

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git add .

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git commit -m "edited line 1"

[master 04bbf74] edited line 1

1 file changed, 1 insertion(+)

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (js-assignments)

$ git add .

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (js-assignments)

$ git commit -a -m "edited files"

[js-assignments 4bb58c7] edited files

1 file changed, 1 insertion(+)

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git merge js-assignments

Auto-merging README.txt

CONFLICT (content): Merge conflict in README.txt

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

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master|MERGING)

$ git add .

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master|MERGING)

$ git commit -m "edited text"

[master 193640f] edited text

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git merge js-assignments

Already up to date.

Hp@DESKTOP-FH7NJPT MINGW64 ~/Assignments (master)

$ git branch -d js-assignments

Deleted branch js-assignments (was 4bb58c7).