Section-0

1.

$ mkdir project\_dir

SOWMYA@SOWMYA MINGW64 ~ (master)

$ cd project\_dir

SOWMYA@SOWMYA MINGW64 ~/project\_dir (master)

2.

$ git init

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

3. index.html

<html>

<head><title>Git</title></head>

<body>Git & GitHub</body>

</html>

4. status

$ 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)

5. stage

$ git add index.html

6. commit

$ git commit -m "First commit"

[master (root-commit) ba9daf6] First commit

1 file changed, 4 insertions(+)

create mode 100644 index.html

7. index.html

<html>

<head><title>Git</title></head>

<body>Git & GitHub Introduction!!!</body>

</html>

Info.txt

New text file

8. modify index.html and a new info.txt file

$ 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")

9. ignore all text files

$ touch .gitignore

\*.txt

10. status

$ 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)

.gitignore

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

11. Stage and commit

$ git add index.html

$ git commit -m "Second commit"

[master 149b6d4] Second commit

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

12. log

$ git log

commit 149b6d48d88531ec1886345f8298071075e80e3c (HEAD -> master)

Author: Sowmya <sowmya.gulla@capgemini.com>

Date: Thu Jul 29 20:33:19 2021 +0530

Second commit

commit ba9daf67528a8776a19f56266b55d3a878ddf109

Author: Sowmya <sowmya.gulla@capgemini.com>

Date: Thu Jul 29 20:16:17 2021 +0530

First commit

13. Index.html modify

<html>

<head><title>Git</title></head>

<body>Git & GitHub Introduction part added modifications</body>

</html>

14. Revert chages

$ git checkout index.html

Updated 1 path from the index

15. modify

<html>

<head><title>Git</title></head>

<body>Git & GitHub Introduction part added secound modification</body>

</html>

16. stage

$ git add index.html

17. Revert stage

$ git checkout index.html

Updated 0 paths from the index

18. Rename add to my-add

$ git config --global alias.my-add add

19. Stage and commit using my-add

$ git my-add index.html

$ git commit -m "third commit"

[master 944674c] third commit

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

20. Revert to last commit

$ git reset --soft head~

Section-1

21.

$ mkdir Assignments

SOWMYA@SOWMYA MINGW64 ~ (master)

22.

$ cd Assignments

$ git init

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

24.

$ git commit -m "First commit"

On branch master

Initial commit

Untracked files:

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

README.txt

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

25.

$ git branch html-assignment

26.

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git checkout html-assignment

Switched to branch 'html-assignment'

27.

$ git add 1.html 2.html

SOWMYA@SOWMYA MINGW64 ~/Assignments (html-assignment)

28.

$ git commit -m "first commit in branch"

[html-assignment 493a345] first commit in branch

2 files changed, 10 insertions(+)

create mode 100644 Assignments/1.html

create mode 100644 Assignments/2.html

29.

$ git add 1.html

SOWMYA@SOWMYA MINGW64 ~/Assignments (html-assignment)

30.

$ git commit -m "secound commit in branch"

[html-assignment 50a13fe] secound commit in branch

1 file changed, 1 insertion(+)

31.

$ git checkout master

Switched to branch 'master'

32.

$ git add README.txt

33.

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git commit -m "secound commit"

[master 307af24] secound commit

1 file changed, 1 insertion(+)

34.

$ git checkout html-assignment

Switched to branch 'html-assignment'

$ git add 1.html

35.

SOWMYA@SOWMYA MINGW64 ~/Assignments (html-assignment)

$ git commit -m "third commit"

[html-assignment b1562f4] third commit

1 file changed, 1 insertion(+)

36.

$ git checkout master

Switched to branch 'master'

37.

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git merge html-assignment

Merge made by the 'recursive' strategy.

Assignments/1.html | 7 +++++++

Assignments/2.html | 5 +++++

2 files changed, 12 insertions(+)

create mode 100644 Assignments/1.html

create mode 100644 Assignments/2.html

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git branch --merged

html-assignment

\* master

38.

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git branch -d html-assignment

Deleted branch html-assignment (was b1562f4).

Section-2

1.

$ git branch css-assignments

2.

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git checkout css-assignments

Switched to branch 'css-assignments'

3.

SOWMYA@SOWMYA MINGW64 ~/Assignments (css-assignments)

$ git add ss1.css ss2.css

4.

SOWMYA@SOWMYA MINGW64 ~/Assignments (css-assignments)

$ git commit -m "first commit in css"

[css-assignments 3c480d6] first commit in css

2 files changed, 6 insertions(+)

create mode 100644 ss1.css

create mode 100644 ss2.css

5.

$ git add README.txt

6.

SOWMYA@SOWMYA MINGW64 ~/Assignments (css-assignments)

$ git commit -m "secound commit in css"

[css-assignments e5e14ec] secound commit in css

1 file changed, 3 insertions(+), 1 deletion(-)

7.

$ git checkout master

Switched to branch 'master'

8.

$ git add README.txt

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git commit -m "modified line 3"

[master ae553eb] modified line 3

1 file changed, 3 insertions(+), 1 deletion(-)

9.

$ git checkout css-assignments

Switched to branch 'css-assignments'

10.

SOWMYA@SOWMYA MINGW64 ~/Assignments (css-assignments)

$ git add ss1.css

11.

SOWMYA@SOWMYA MINGW64 ~/Assignments (css-assignments)

$ git commit -m "modified ss1.css in css"

[css-assignments d6a2947] modified ss1.css in css

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

12.

SOWMYA@SOWMYA MINGW64 ~/Assignments (css-assignments)

$ git checkout master

Switched to branch 'master'

13.

$ git merge css-assignments

Already up to date.

14.

$ git branch -d css-assignments

Deleted branch css-assignments (was d6a2947).

Section-3

1.

$ git branch js-assignments

2.

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

3.

SOWMYA@SOWMYA MINGW64 ~/Assignments (js-assignments)

$ git add msg.js

4.

SOWMYA@SOWMYA MINGW64 ~/Assignments (js-assignments)

$ git add msg2.js

SOWMYA@SOWMYA MINGW64 ~/Assignments (js-assignments)

$ git commit -m "frst commit in js"

[js-assignments a178142] frst commit in js

2 files changed, 4 insertions(+)

create mode 100644 msg.js

create mode 100644 msg2.js

5.

SOWMYA@SOWMYA MINGW64 ~/Assignments (js-assignments)

$ git add README.txt

6.

SOWMYA@SOWMYA MINGW64 ~/Assignments (js-assignments)

$ git commit -m "modified line1 in readme.txt"

[js-assignments 733481b] modified line1 in readme.txt

1 file changed, 1 insertion(+), 4 deletions(-)

7.

SOWMYA@SOWMYA MINGW64 ~/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

8.

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git add README.txt

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git commit -m "modified in master"

[master aeae9cf] modified in master

1 file changed, 1 insertion(+), 4 deletions(-)

9.

SOWMYA@SOWMYA MINGW64 ~/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

10.

SOWMYA@SOWMYA MINGW64 ~/Assignments (js-assignments)

$ git add msg.js

11.

12.

SOWMYA@SOWMYA MINGW64 ~/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

13.

$ git merge js-assignments

Already up to date.

14.

$ git branch -d js-assignments

Deleted branch js-assignments (was ec76578).

Section-4 & section-5

https://github.com/Sowmya-Gulla/Assignments