Git and Github Assignment – A2

SECTION A2 (HTML assignments) Steps to follow:

22. Create an empty directory Assignments & cd to 'Assignments'.

Ans:-   `mkdir assignments & cd assignments`

23. Create a file README.txt inside 'Assignments' & write few lines about the contents of 'Assignments' folder.

Ans:-   `touch README.txt & vim README.txt`

24. Commit README.txt file.

Ans:- `git commit -a -m "file created"`
```
[master b0dc4dd] file created
 1 file changed, 1 insertion(+)
 create mode 100644 assignments/README.txt
```

25. Now create a new branch ' html-assignments'.

Ans:-   `git branch html-assignments`

26. Switch to html-assignments branch.

Ans:-   `git checkout html-assignments`
```
Switched to branch 'html-assignments'
```

27. Copy all HTML assignments inside 'Assignments' folder.

Ans:-   `git add *.html`

28. Commit HTML assignments into html-assignments' branch.

Ans:-   `git commit -m "2 html files are saved"`
```
[html-assignments 4f51c83] 2 html files are saved
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 assignments/assignment1.html
 create mode 100644 assignments/assignment2.html
```

29. Make minor changes into few files belonging to 'html-assignments' branch.

Ans:-   `vim assignment1.html`

30. Commit those changed files.

Ans:-   `git commit -m 'assgnmnt1 file changed'`
```
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:   assignment1.html

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

31. Switch to master branch.

Ans:-   git checkout master
Switched to branch 'master'

32. Make minor changes into README.txt file & commit those changes into master.

Ans:-   vim README.txt

33. Again switch to 'html-assignments' branch.

Ans:-   git checkout html-assignments
Switched to branch 'html-assignments'

34. Make minor changes into few files belonging to 'html-assignments' branch.

Ans:- vim assignment1.html

35. Commit those changes.

Ans:-   git commit -m 'assgnmnt1 file changed'
[html-assignments cde5bd1] assgnmnt1 file changed
 1 file changed, 1 insertion(+), 1 deletion(-)

36. Switch to master.

Ans:-   git status
On branch master
nothing to commit, working tree clean

37. Merge 'html-assignments' branch into master. Confirm all html assignments are shownin master.

Ans:-   git merge html-assignments
Updating 417df88..cde5bd1
Fast-forward
 assignment1.html | 5 +++++
 assignment2.html | 0
 2 files changed, 5 insertions(+)
 create mode 100644 assignment1.html
 create mode 100644 assignment2.html

38. Finally delete the 'html-assignments' branch.

Ans:-   git branch -d html-assignments
Deleted branch html-assignments (was cde5bd1).

SCREENSHOTS

```
ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git commit -m 'readme saved'
[master (root-commit) 417df88] readme saved
 1 file changed, 1 insertion(+)
 create mode 100644 README.txt

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git branch html-assignments

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git add *.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git commit -m 'assgnmnts files saved'
[html-assignments 183cbb7] assgnmnts files saved
 2 files changed, 5 insertions(+)
 create mode 100644 assignment1.html
 create mode 100644 assignment2.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ vim assignment1.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git checkout master
error: Your local changes to the following files would be overwritten by checkout:
        assignment1.html
Please commit your changes or stash them before you switch branches.
Aborting

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git commit -m 'assgnmnt1 file changed'
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:   assignment1.html

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git add assignment1.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git checkout master
error: Your local changes to the following files would be overwritten by checkout:
        assignment1.html
Please commit your changes or stash them before you switch branches.
Aborting

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git commit -m 'assgnmnt1 file changed'
[html-assignments cde5bd1] assgnmnt1 file changed
 1 file changed, 1 insertion(+), 1 deletion(-)
```

```
ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git commit -a -m 'changes made'
warning: LF will be replaced by CRLF in assignments/assignment1.html.
The file will have its original line endings in your working directory
[html-assignments b307708] changes made
 1 file changed, 5 insertions(+)

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git commit -m 'changes made'
On branch html-assignments
nothing to commit, working tree clean

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git status
On branch html-assignments
nothing to commit, working tree clean

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git merge master
Already up to date.

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git merge html-assignments
Already up to date.

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git init
Initialized empty Git repository in C:/Users/ASUS/project_dir/assignments/.git/

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git commit -m 'changes saved'
On branch master

Initial commit

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        README.txt
        assignment1.html
        assignment2.html

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git add README.txt
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git commit -m 'readme saved'
```

```
ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir (master)
$ mkdir assignments

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir (master)
$ cd assignments

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ touch README.txt

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ vim README.txt

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ commit README.txt -m "file created"
bash: commit: command not found

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git add README.txt
warning: LF will be replaced by CRLF in assignments/README.txt.
The file will have its original line endings in your working directory

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git commit -a -m "file created"
[master b0dc4dd] file created
 1 file changed, 1 insertion(+)
 create mode 100644 assignments/README.txt

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git branch html-assignments

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git checkout html-assignments
Switched to branch 'html-assignments'

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ touch assignment1.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ touch assignment2.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git add *.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$  git commit -m "2 html files are saved"
[html-assignments 4f51c83] 2 html files are saved
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 assignments/assignment1.html
 create mode 100644 assignments/assignment2.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ vim assignment1.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git commit -a -m 'changes made'
warning: LF will be replaced by CRLF in assignments/assignment1.html.
The file will have its original line endings in your working directory
```

```
ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git checkout master
error: Your local changes to the following files would be overwritten by checkout:
        assignment1.html
Please commit your changes or stash them before you switch branches.
Aborting

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git commit -m 'assgnmnt1 file changed'
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:   assignment1.html

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git add assignment1.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git checkout master
error: Your local changes to the following files would be overwritten by checkout:
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Please commit your changes or stash them before you switch branches.
Aborting

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git commit -m 'assgnmnt1 file changed'
[html-assignments cde5bd1] assgnmnt1 file changed
 1 file changed, 1 insertion(+), 1 deletion(-)

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (html-assignments)
$ git checkout master
Switched to branch 'master'

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git status
On branch master
nothing to commit, working tree clean

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git merge html-assignments
Updating 417df88..cde5bd1
Fast-forward
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 create mode 100644 assignment2.html

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git branch -d html-assignments
Deleted branch html-assignments (was cde5bd1).

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$
```