Git and Github Assignment – A3

SECTION- A3 (CSS assignments) Steps to follow:

1. Create a new branch 'css-assignments'

Ans:-   `git branch css-assignments`

2. Switch to 'css-assignments' branch.

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

3. Copy all CSS assignments inside 'Assignments' folder.

Ans:-   `git add *css`

4. Commit CSS assignments into 'css-assignments' branch.

Ans:-   `git commit -m "files created"`
```
[css-assignments 6007ad6] files created
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 css-assignment1.css
 create mode 100644 css-assignment2.css
 create mode 100644 css-assignments
```

5. Make minor changes into README.txt file on line 1 belonging to 'css-assignments' branch.

Ans:-   `vim README.txt`

6. Commit those changed files.

Ans:-   `git commit -a -m "created"`
```
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
[css-assignments e5c46ee] created
 1 file changed, 1 insertion(+), 1 deletion(-)
```

7. Switch to master branch.

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

8. Make minor changes into README.txt file on line 3 & commit those changes into master.

Ans:-   `vim README.txt`
`&`
`git commit -m "change on line no 3"`
```
[master 2f3e0e6] change on line no 3
 1 file changed, 3 insertions(+), 1 deletion(-)
```

9. Again switch to 'css-assignments' branch.

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

10. Make minor changes into few files belonging to 'css-assignments' branch.

Ans:-   `vim css-assignments.css`

11. Commit those changes.

Ans:-   git commit -m "changes in css assignments"
[css-assignments 8e0a924] changes in css assignments
 1 file changed, 1 insertion(+)
 create mode 100644 css-assignments.css

12. Switch to master.

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

13. Merge 'css-assignments' branch into master. Confirm all css assignments are shown in master.

Ans:-   git merge css-assignments
Already up to date.

14. Finally delete the 'css-assignments' branch.

Ans:-   git branch -d css-assignments
Deleted branch css-assignments (was 8e0a924).

Screenshots:-

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

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ git status
On branch css-assignments
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        css-assignments.css

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

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ git commit -m "changes in css assignments"
[css-assignments 8e0a924] changes in css assignments
 1 file changed, 1 insertion(+)
 create mode 100644 css-assignments.css

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/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.

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master|MERGING)
$ git commit -m "2nd changes in readme"
error: Committing 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.
U       README.txt

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master|MERGING)
$ git commit -m "2nd changes in readme"
error: Committing 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.
U       README.txt
```

```
ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ git commit -m "files created"
[css-assignments 6007ad6] files created
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 css-assignment1.css
 create mode 100644 css-assignment2.css
 create mode 100644 css-assignments

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ git commit -a -m "created"
warning: LF will be replaced by CRLF in README.txt.
The file will have its original line endings in your working directory
[css-assignments e5c46ee] created
 1 file changed, 1 insertion(+), 1 deletion(-)

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

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

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git commit -m "change on line no 3"
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:   README.txt

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

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master)
$ git commit -m "change on line no 3"
[master 2f3e0e6] change on line no 3
 1 file changed, 3 insertions(+), 1 deletion(-)

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ vim css-assignments

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

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

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

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ touch css-assignments

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

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

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ git status
On branch css-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   css-assignment1.css
        new file:   css-assignment2.css

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


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

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ git status
On branch css-assignments
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   css-assignment1.css
        new file:   css-assignment2.css
        new file:   css-assignments


ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ git commit -m "files created"
[css-assignments 6007ad6] files created
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 css-assignment1.css
 create mode 100644 css-assignment2.css
 create mode 100644 css-assignments

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

```
ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (css-assignments)
$ git commit -m "changes in css assignments"
[css-assignments 8e0a924] changes in css assignments
 1 file changed, 1 insertion(+)
 create mode 100644 css-assignments.css

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/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.

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master|MERGING)
$ git commit -m "2nd changes in readme"
error: Committing 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.
U       README.txt

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

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master|MERGING)
$ git commit -m "2nd changes in readme"
error: Committing 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.
U       README.txt

ASUS@DESKTOP-9L2COJO MINGW64 ~/project_dir/assignments (master|MERGING)
$ git commit -a -m "2nd change in readme"
[master b5ce0cd] 2nd change in readme

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

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 branch -d css-assignments
Deleted branch css-assignments (was 8e0a924).

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