GIT Branching Assignment 2

Objective: Commit HTML, CSS & JavaScript assignments into GIT.

SECTION-1 (HTML assignments) - Steps to follow:

1. First take a backup of your assignments & projects. This is required because due to incorrect GIT operation you may lose your files.
2. Create an empty directory ‘Assignments’ & cd to ‘Assignments’.

**$ mkdir Assignment**

**$ cd Assignmrnt**

1. Create a file README.txt inside ‘Assignments’ & write few lines about the contents of ‘Assignments’ folder.

**$ git add README.txt**

1. Commit README.txt file.

**$ git commit -m "added README.txt"**

1. Now create a new branch ‘html-assignments’.

**$ git branch html\_assignment**

1. Switch to ‘html-assignments’ branch.

**$ git checkout html\_assignment**

1. Copy all HTML assignments inside ‘Assignments’ folder.
2. Commit HTML assignments into ‘html-assignments’ branch.

**$ git commit -m "html\_assignment"**

1. Make minor changes into few files belonging to ‘html-assignments’ branch.
2. Commit those changed files.

**$ git add .**

**$ git commit -m " minor changes in html\_assignment"**

1. Switch to master branch.

**$ git checkout master**

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

**$ git add .**

**$ git commit -m "changes in README.txt"**

1. Again switch to ‘html-assignments’ branch.

**$ git checkout html\_assignment**

1. Make minor changes into few files belonging to ‘html-assignments’ branch.
2. Commit those changes.

**$ git add .**

**$ git commit -m " minor changes in html\_assignment"**

1. Switch to master.

**$ git checkout master**

1. Merge ‘html-assignments’ branch into master. Confirm all html assignments are shown in master.

**$ git merge html\_assignment**

1. Finally delete the ‘html-assignments’ branch.

**$ git branch -d html\_assignment**

SECTION-2 - (CSS assignments) Steps to follow:

1. Create a new branch ‘css-assignments’.

**$ create branch css\_assignment**

1. Switch to ‘css-assignments’ branch.

**$ git checkout css\_assignment**

1. Copy all CSS assignments inside ‘Assignments’ folder.
2. Commit CSS assignments into ‘css-assignments’ branch.

**$ git add .**

**$ git commit -m "css\_assignment"**

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

**$ git commit -m "changes in README.txt"**

1. Commit those changed files.

**$ git commit -m "changes in README.txt"**

1. Switch to master branch.

**$ git checkout master**

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

**$ git commit -m "changes in README.txt"**

1. Again switch to ‘css-assignments’ branch.

**$ git checkout css\_assignment**

1. Make minor changes into few files belonging to ‘css-assignments’ branch.
2. Commit those changes.

**$ git commit -m "changes are commited css\_assignment"**

1. Switch to master.

**$ git commit -m "css\_assignment"**

1. Merge ‘css-assignments’ branch into master. Confirm all css assignments are shown in master.

**$ git merge css\_assignment**

1. Finally delete the ‘css-assignments’ branch.

**$ git branch -d css\_assignment**

SECTION-3 - (JavaScript assignments) Steps to follow:

1. Create a new branch ‘js-assignments’.

**$ create branch js\_assignment**

1. Switch to ‘js-assignments’ branch.

**$ git checkout js\_assignment**

1. Copy all JavaScript assignments inside ‘Assignments’ folder.
2. Commit JavaScript assignments into ‘js-assignments’ branch.

**$ git add .**

**$ git commit -m "js\_assignment"**

1. Make minor changes into README.txt file on line 1 belonging to ‘js-assignments’ branch.

**$ git commit -m "changes in README.txt"**

1. Commit those changed files.

**$ git commit -m "changes in README.txt"**

1. Switch to master branch.

**$ git checkout master**

1. Make minor changes into README.txt file on line 1 & commit those changes into master.

**$ git commit -m "changes in README.txt"**

1. Again switch to ‘js-assignments’ branch.

**$ git checkout js\_assignment**

1. Make minor changes into few files belonging to ‘js-assignments’ branch.
2. Commit those changes.

**$ git commit -m "changes are commited js\_assignment"**

1. Switch to master.

**$ git commit -m "js\_assignment"**

1. Merge ‘js-assignments’ branch into master. Confirm all JavaScript assignments are shown in master.

**$ git merge js\_assignment**

1. Finally delete the ‘js-assignments’ branch.

**$ git branch –d js\_assignment**