**Git branching assignment (html)**

21. First take a backup of your assignments &amp; projects. This is required because due to

incorrect GIT operation you may lose your files.

22. Create an empty directory ‘Assignments’ &amp; cd to ‘Assignments’.

23. Create a file README.txt inside ‘Assignments’ &amp; write few lines about the contents of

‘Assignments’ folder.

24. Commit README.txt file.

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

26. Switch to ‘html-assignments’ branch.

27. Copy all HTML assignments inside ‘Assignments’ folder.

28. Commit HTML assignments into ‘html-assignments’ branch.

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

30. Commit those changed files.

31. Switch to master branch.

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

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

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

satya@SATYA MINGW64 /c (master)

$ mkdir Assignments

satya@SATYA MINGW64 /c (master)

$ cd Assignments

satya@SATYA MINGW64 /c/Assignments (master)

$ git init

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

satya@SATYA MINGW64 /c/Assignments (master)

$ git status

On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)

satya@SATYA MINGW64 /c/Assignments (master)

$ touch README.txt

satya@SATYA MINGW64 /c/Assignments (master)

$ git status

On branch master

No commits yet

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)

satya@SATYA MINGW64 /c/Assignments (master)

$ git add README.txt

satya@SATYA MINGW64 /c/Assignments (master)

$ git commit -m 'commiting README.txt'

[master (root-commit) 1fe4498] commiting README.txt

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

create mode 100644 README.txt

satya@SATYA MINGW64 /c/Assignments (master)

$ git log

commit 1fe4498d07903e57a5d42d172e09033a0bda161c (HEAD -> master)

Author: satya2405 <121710409033@gitam.in>

Date: Thu Oct 21 22:00:58 2021 +0530

commiting README.txt

satya@SATYA MINGW64 /c/Assignments (master)

$ git status

On branch master

nothing to commit, working tree clean

satya@SATYA MINGW64 /c/Assignments (master)

$ git checkout -b html-assignments

Switched to a new branch 'html-assignments'

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git branch

\* html-assignments

master

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git checkout html-assignments

Already on 'html-assignments'

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git checkout master -- README.txt

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git status

On branch html-assignments

nothing to commit, working tree clean

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git commit -m 'adding README.txt to new branch'

On branch html-assignments

nothing to commit, working tree clean

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git status

On branch html-assignments

nothing to commit, working tree clean

satya@SATYA MINGW64 /c/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: README.txt

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

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git add README.txt

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git status

On branch html-assignments

Changes to be committed:

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

modified: README.txt

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git commit -m 'made changes in the readme.txt'

[html-assignments c2bfe8d] made changes in the readme.txt

1 file changed, 1 insertion(+)

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git checkout master

Switched to branch 'master'

satya@SATYA MINGW64 /c/Assignments (master)

$ git status

On branch master

nothing to commit, working tree clean

satya@SATYA MINGW64 /c/Assignments (master)

$ git status

On branch master

nothing to commit, working tree clean

satya@SATYA MINGW64 /c/Assignments (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: README.txt

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

satya@SATYA MINGW64 /c/Assignments (master)

$ git add README.txt

satya@SATYA MINGW64 /c/Assignments (master)

$ git commit -m 'modified the readme.txt in master branch'

[master ed07e70] modified the readme.txt in master branch

1 file changed, 1 insertion(+)

satya@SATYA MINGW64 /c/Assignments (master)

$ git checkout html-assignments

Switched to branch 'html-assignments'

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git status

On branch html-assignments

nothing to commit, working tree clean

satya@SATYA MINGW64 /c/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: README.txt

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

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git add README.txt

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git status

On branch html-assignments

Changes to be committed:

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

modified: README.txt

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git commit -m 'changes in the file for second branch'

[html-assignments 35fde11] changes in the file for second branch

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

satya@SATYA MINGW64 /c/Assignments (html-assignments)

$ git checkout master

Switched to branch 'master'

satya@SATYA MINGW64 /c/Assignments (master)

$ git merge html-assignments

Auto-merging README.txt

CONFLICT (content): Merge conflict in README.txt

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

satya@SATYA MINGW64 /c/Assignments (master|MERGING)

$ git branch -D html-assignments

Deleted branch html-assignments (was 35fde11).

satya@SATYA MINGW64 /c/Assignments (master|MERGING)

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