Git Branching-3

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

1. Create a new branch ‘js-assignments’.
2. Switch to ‘js-assignments’ branch.
3. Copy all JavaScript assignments inside ‘Assignments’ folder.
4. Commit JavaScript assignments into ‘js-assignments’ branch.
5. Make minor changes into README.txt file on line 1 belonging to ‘js-assignments’ branch.
6. Commit those changed files.
7. Switch to master branch.
8. Make minor changes into README.txt file on line 1 & commit those changes into master.
9. Again switch to ‘js-assignments’ branch.
10. Make minor changes into few files belonging to ‘js-assignments’ branch.
11. Commit those changes.
12. Switch to master.
13. Merge ‘js-assignments’ branch into master. Confirm all JavaScript assignments are shown in master.
14. Finally delete the ‘js-assignments’ branch.

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git checkout -b js-assignments

Switched to a new branch 'js-assignments'

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git checkout README.txt

Updated 0 paths from the index

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git status

On branch js-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")

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git add README.txt

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git status

On branch js-assignments

Changes to be committed:

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

modified: README.txt

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git status

On branch master

nothing to commit, working tree clean

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/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")

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git add README.txt

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git status

On branch master

Changes to be committed:

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

modified: README.txt

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git commit -m 'modified in master branch'

[master c7fed7e] modified in master branch

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

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git checkout js-assignments

Switched to branch 'js-assignments'

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git status

On branch js-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")

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git add README.txt

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git status

On branch js-assignments

Changes to be committed:

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

modified: README.txt

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git commit -m 'new js assignments changes'

[js-assignments d746ff6] new js assignments changes

1 file changed, 2 insertions(+), 3 deletions(-)

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git log

commit d746ff616348d111b8ae5b2739fda42a80adb4ce (HEAD -> js-assignments)

Author: Ksheera-r <ksheeraravi99@gmail.com>

Date: Thu Oct 21 15:07:23 2021 +0530

new js assignments changes

commit 76e1f21aa4372000cc9ed80f302fab700960c9e5

Author: Ksheera-r <ksheeraravi99@gmail.com>

Date: Thu Oct 21 15:01:42 2021 +0530

first change in js branch

commit 19bef8988f1e3b89a46c61666ef12c264dbb2a49

Merge: 9712637 2d7403f

Author: Ksheera-r <ksheeraravi99@gmail.com>

Date: Thu Oct 21 14:50:18 2021 +0530

Merge branch 'css-assignments'

merging to delete the css-assignments branch

merging css-assignments to master

commit 2d7403f09cca396f2fe7fd4f84506582517944f4

Author: Ksheera-r <ksheeraravi99@gmail.com>

:

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (js-assignments)

$ git checkout master

Switched to branch 'master'

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git log

commit c7fed7e24216afe2b977bfb810b5cea983049f52 (HEAD -> master)

Author: Ksheera-r <ksheeraravi99@gmail.com>

Date: Thu Oct 21 15:05:11 2021 +0530

modified in master branch

commit 19bef8988f1e3b89a46c61666ef12c264dbb2a49

Merge: 9712637 2d7403f

Author: Ksheera-r <ksheeraravi99@gmail.com>

Date: Thu Oct 21 14:50:18 2021 +0530

Merge branch 'css-assignments'

merging to delete the css-assignments branch

merging css-assignments to master

commit 2d7403f09cca396f2fe7fd4f84506582517944f4

Author: Ksheera-r <ksheeraravi99@gmail.com>

Date: Thu Oct 21 14:41:38 2021 +0530

comitting readme from css branch

commit 9712637dc5e91d0d2510ee8ed52cc27888e5de82

Author: Ksheera-r [ksheeraravi99@gmail.com](mailto:ksheeraravi99@gmail.com)

[Resolved error while merging the files]

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git merge js-assignments

Auto-merging README.txt

CONFLICT (content): Merge conflict in README.txt

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

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master|MERGING)

$ cd project dir

bash: cd: too many arguments

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master|MERGING)

$ git status

On branch master

You have unmerged paths.

(fix conflicts and run "git commit")

(use "git merge --abort" to abort the merge)

Unmerged paths:

(use "git add <file>..." to mark resolution)

both modified: README.txt

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

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master|MERGING)

$ git add .

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master|MERGING)

$ git commit -m 'resolved merge conflict'

[master 25ffbfd] resolved merge conflict

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git branch

js-assignments

\* master

Ksheera R@LAPTOP-BJL43LGE MINGW64 ~/OneDrive/Desktop/project dir/Assignments (master)

$ git branch -d js-assignments

Deleted branch js-assignments (was d746ff6).