**Git and GitHub Assignment**

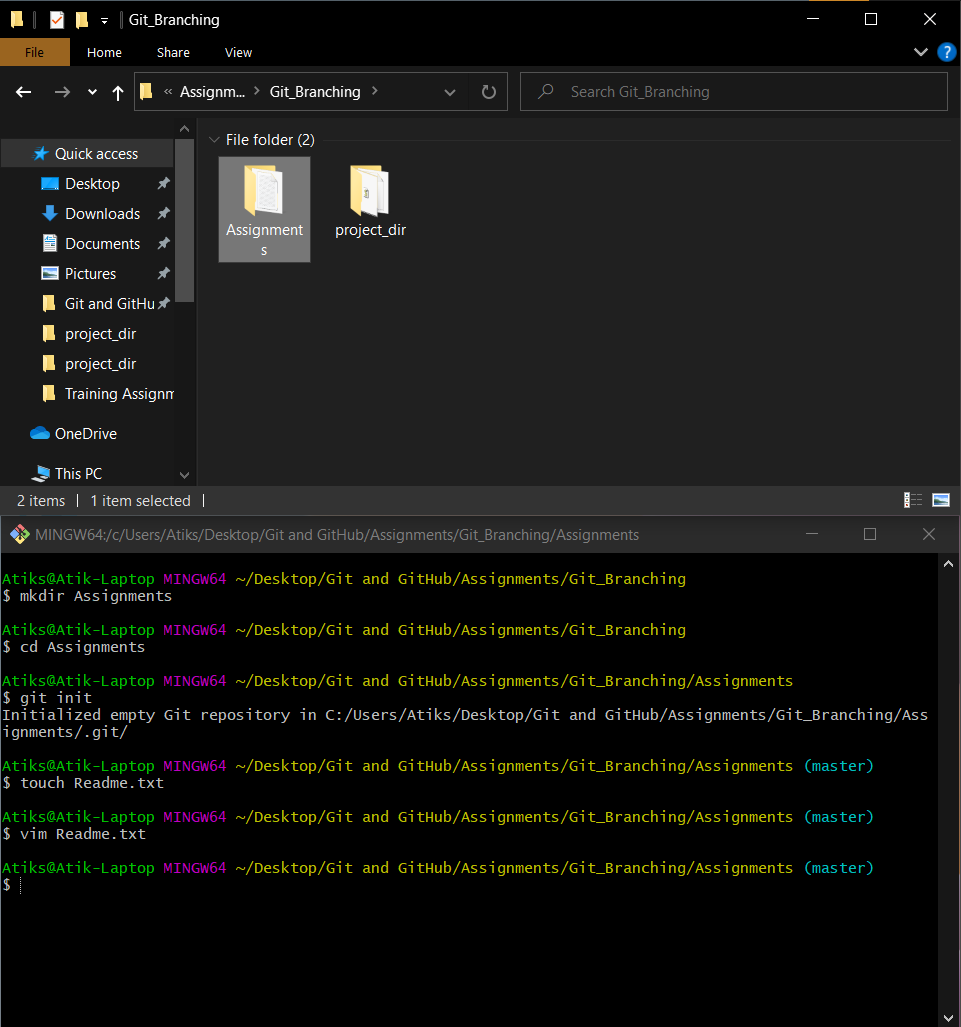
**GIT BRANCHING**

**Section 1 : (HTML Assignments)**

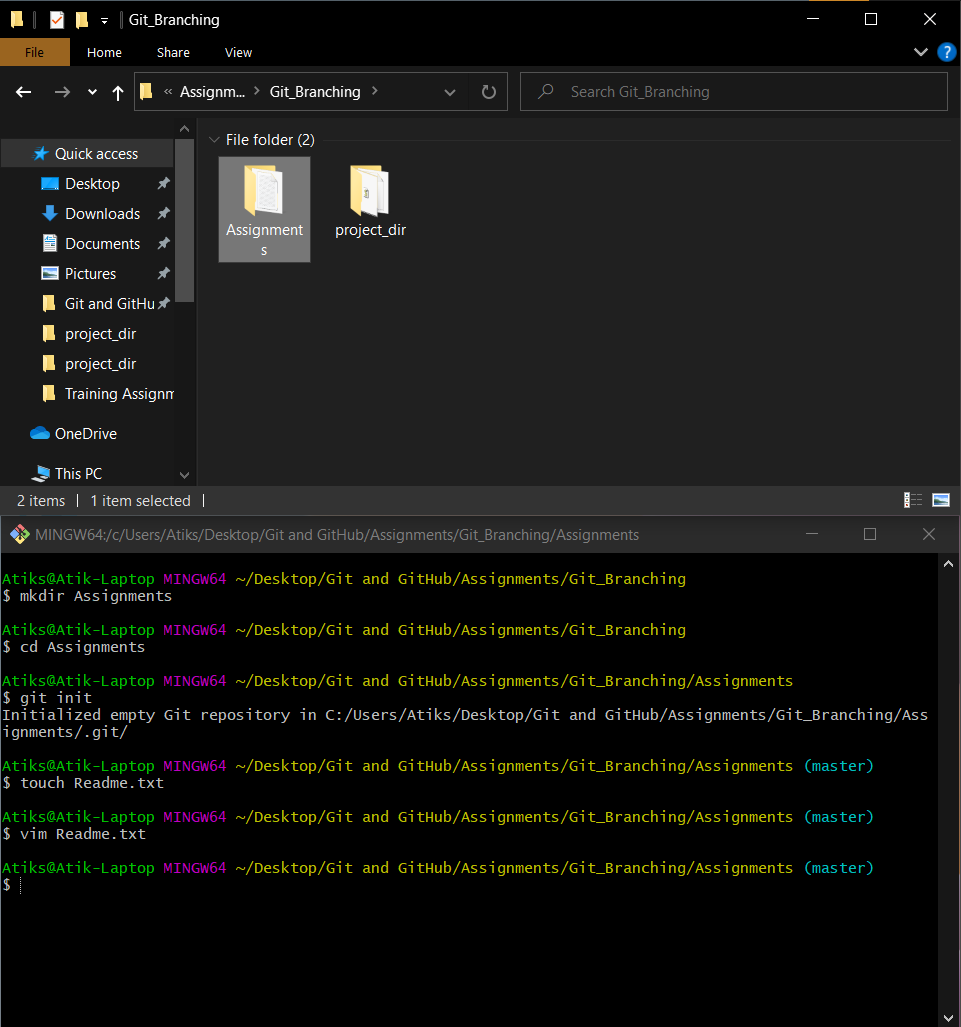
21. First take a backup of your assignments & projects. This is required because due to

incorrect GIT operation you may lose your files.

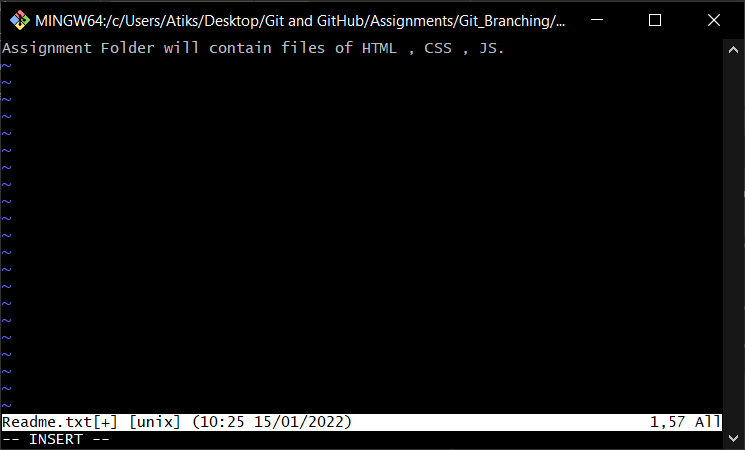
**I have backed up the previous section “project\_dir” in “Git Branching/” directory and also added some sample .html, .css and .js files in that folder.**

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

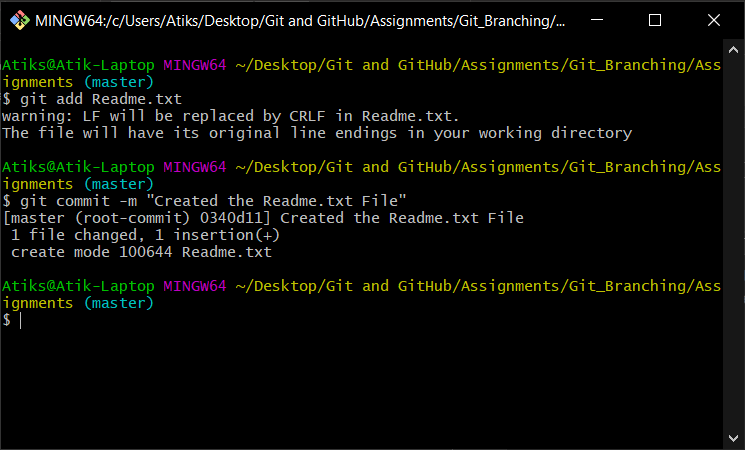
23. Create a file README.txt inside 'Assignments' & write few lines about the contents of 'Assignments' folder.



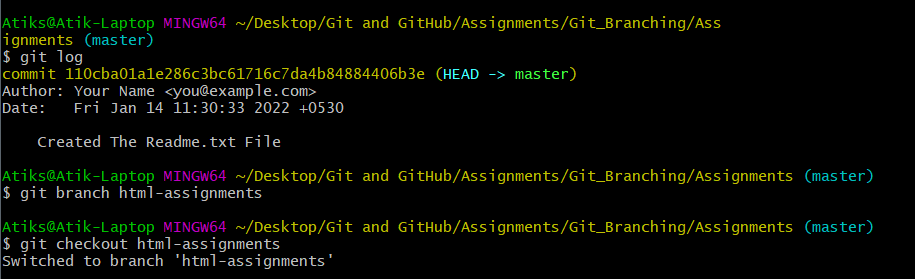
**Edited The Readme.txt file**



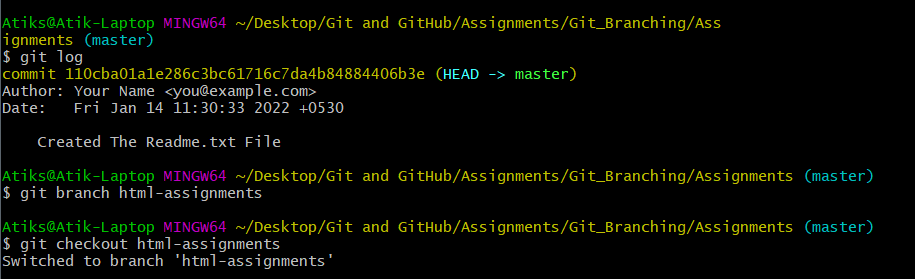
24. Commit README.txt file.

****

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

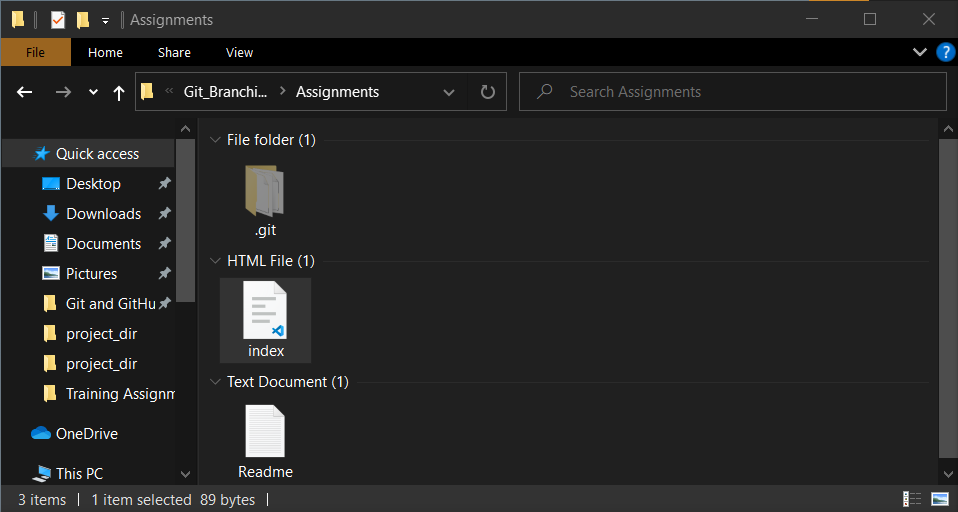


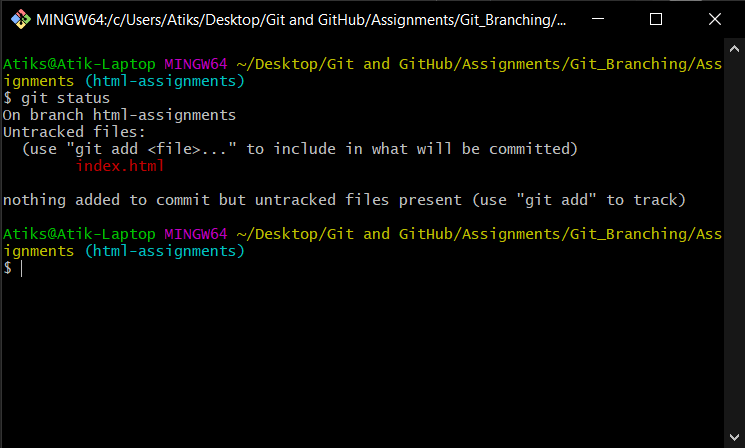
26. Switch to 'html-assignments' branch.



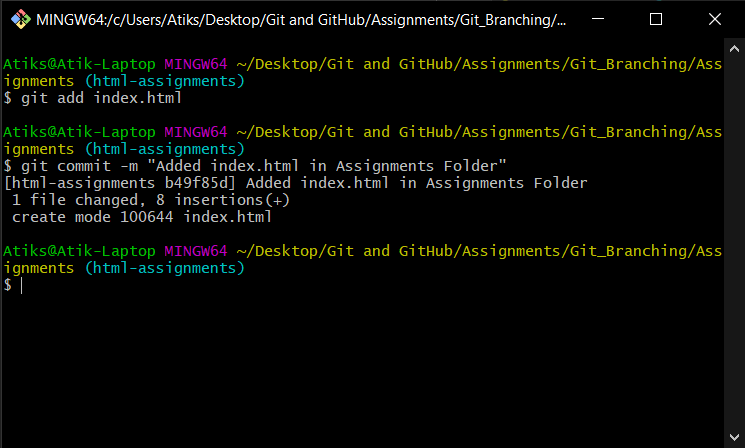
27. Copy all HTML assignments inside 'Assignments' folder.

**I have copied the index.html file in “Assignments” folder from “project\_dir “ folder**

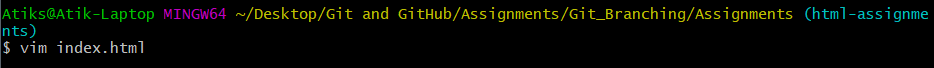


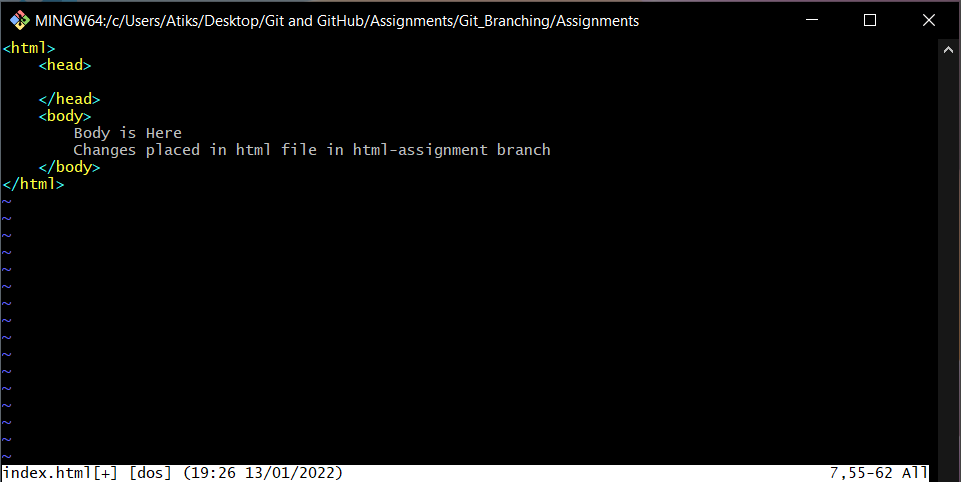


28. Commit HTML assignments into 'html-assignments' branch.

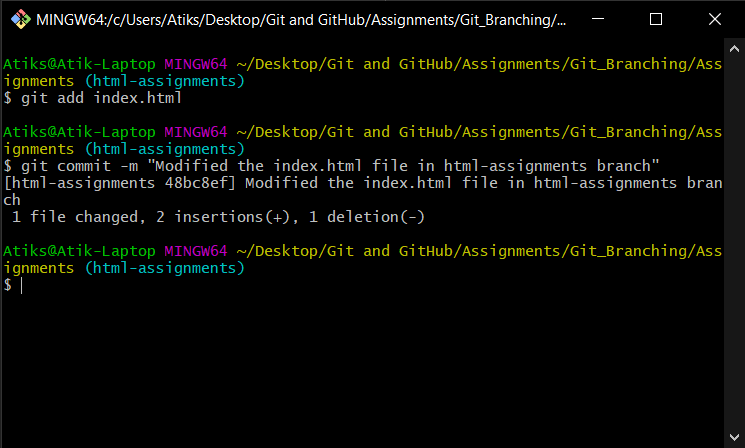


29. Make minor changes into few files belonging to 'html-assignments' branch.

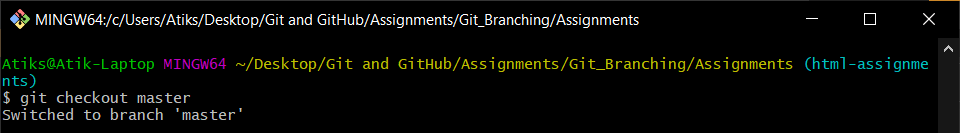




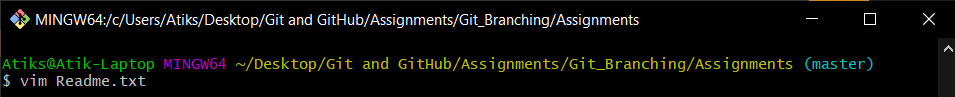
30. Commit those changed files.

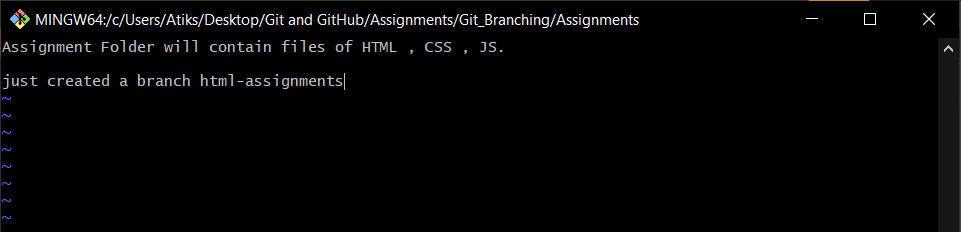


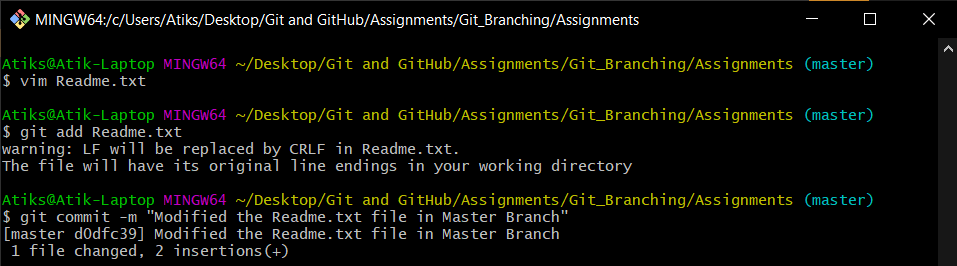
31. Switch to master branch.



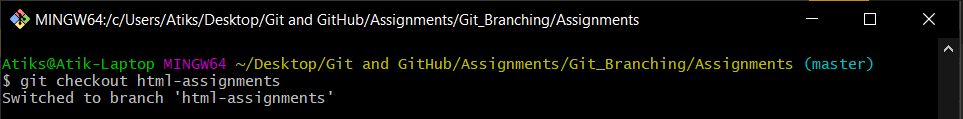
32. Make minor changes into README.txt file & commit those changes into master.



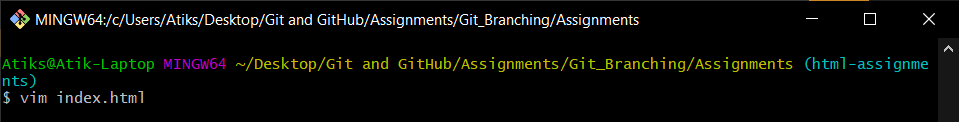


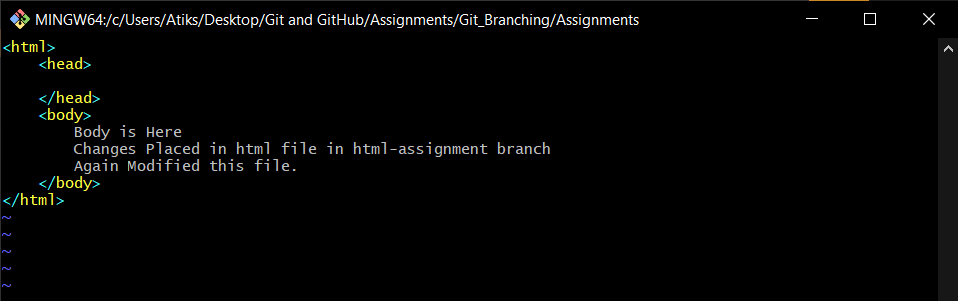


33. Again switch to 'html-assignments' branch.

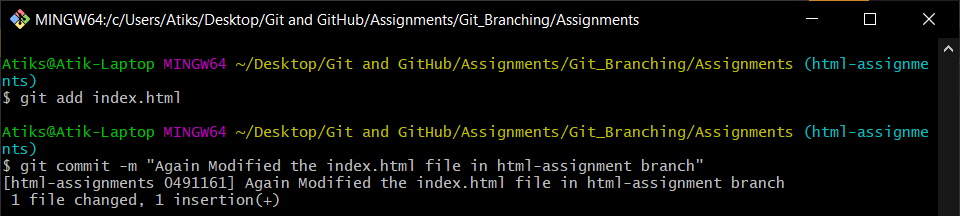


34. Make minor changes into few files belonging to 'html-assignments' branch.

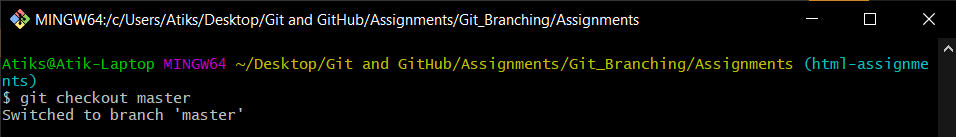




35. Commit those changes.

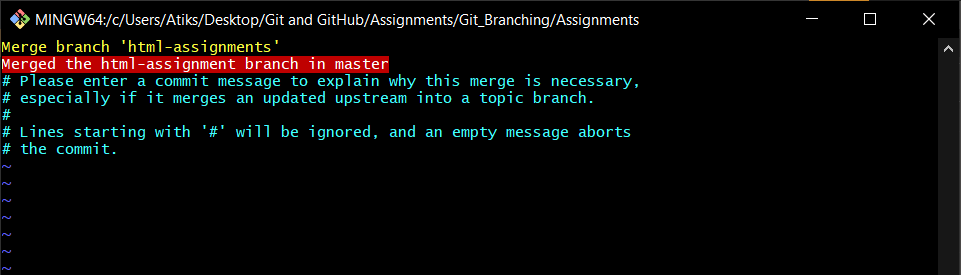


36. Switch to master

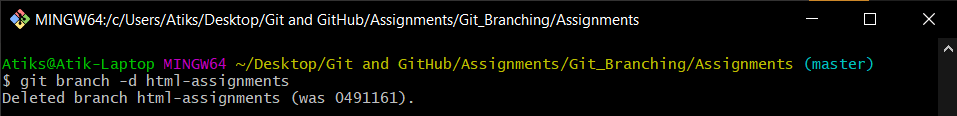


37. Merge 'html-assignments' branch into master. Confirm all html assignments are shown

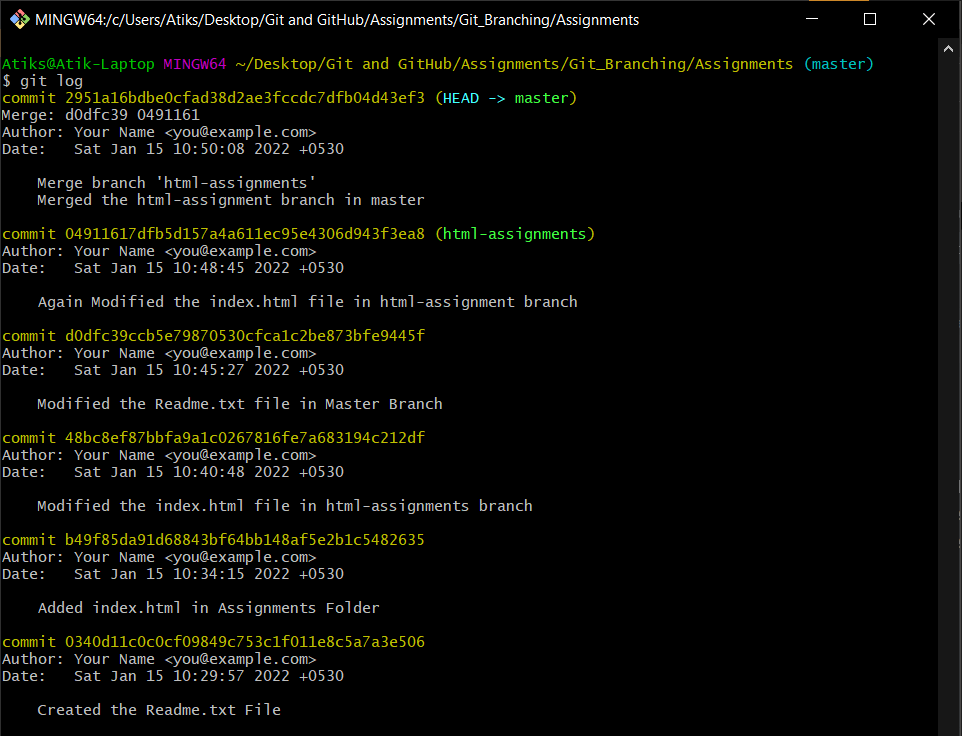
in master.



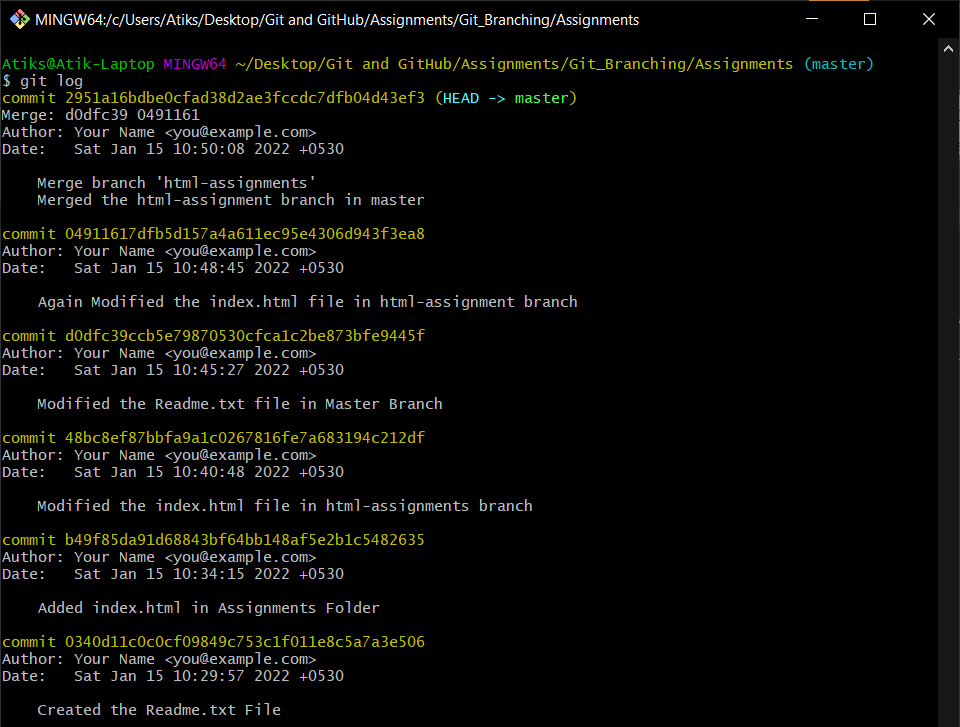
38. Finally delete the 'html-assignments' branch.



**Git log before deleting html-assignment branch**

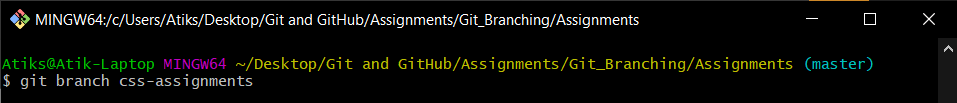
****

**Git log after deleting html-assignment branch**

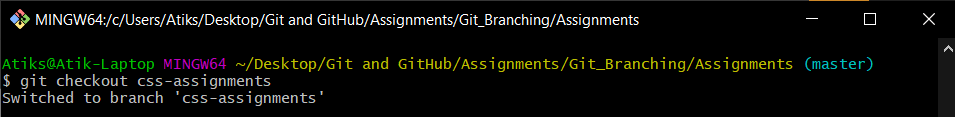
****

**Section 2 : (CSS Assignments)**

1. Create a new branch 'css-assignments'.

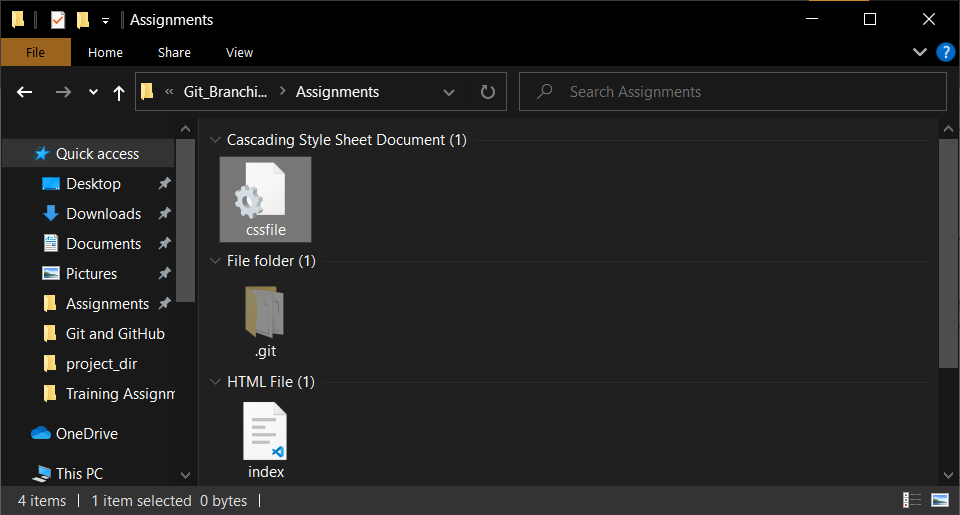


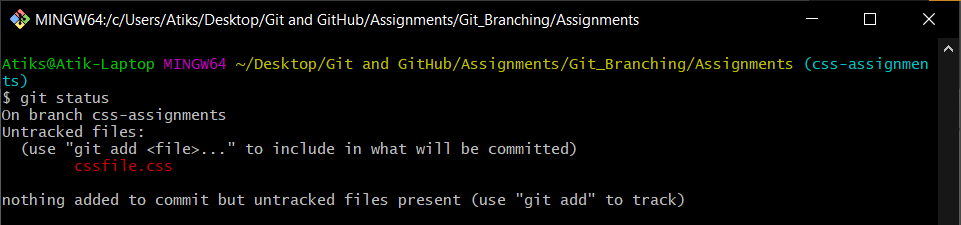
2. Switch to 'css-assignments' branch.



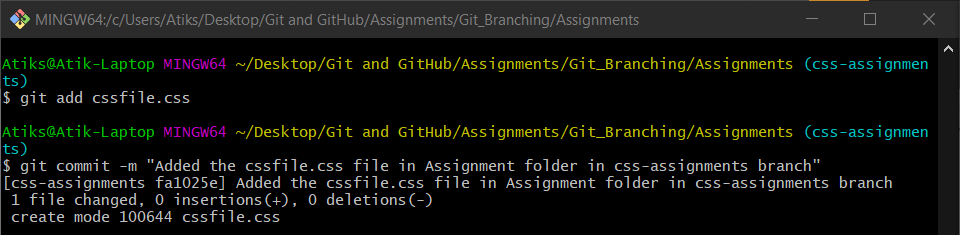
3. Copy all CSS assignments inside 'Assignments' folder.

**Copied an empty .css file in assignments folder**



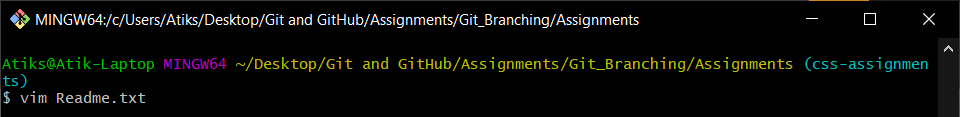


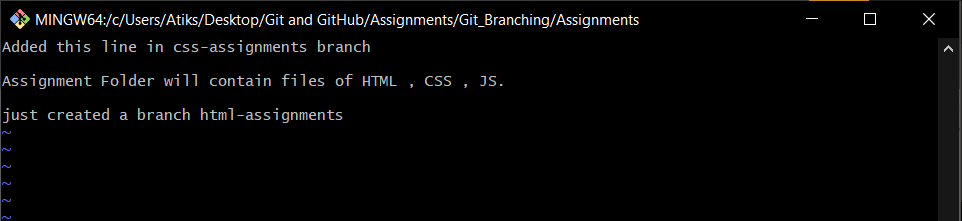
4. Commit CSS assignments into 'css-assignments' branch.



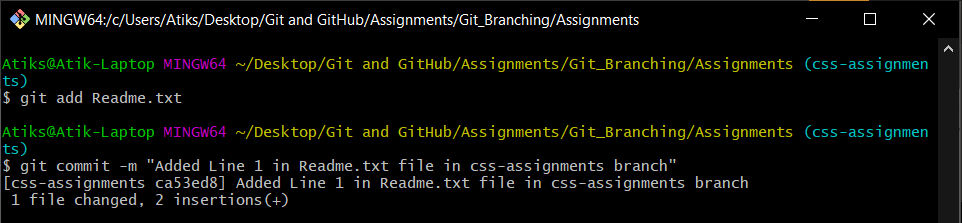
5. Make minor changes into README.txt file on line 1 belonging to 'css-assignments'

branch.

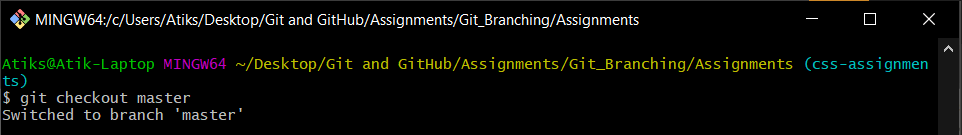




6. Commit those changed files.

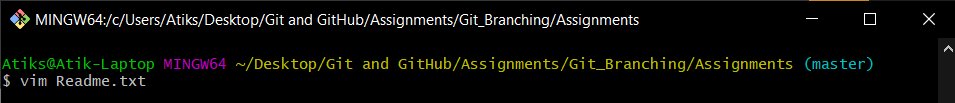


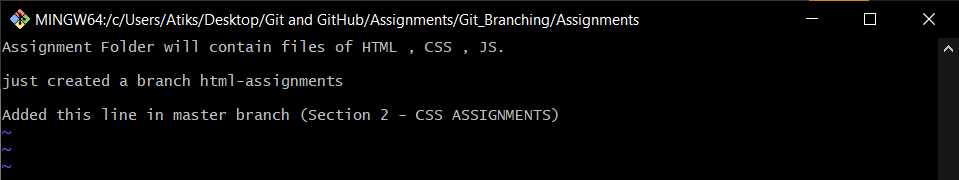
7. Switch to master branch.

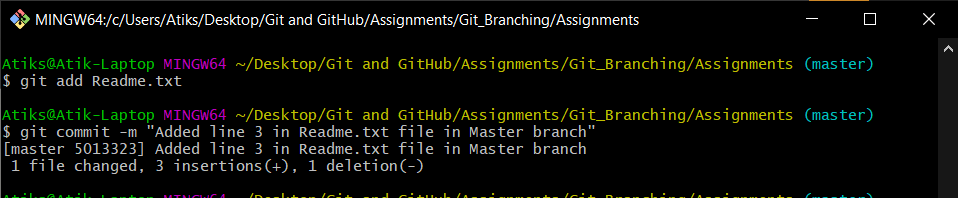


8. Make minor changes into README.txt file on line 3 & commit those changes into

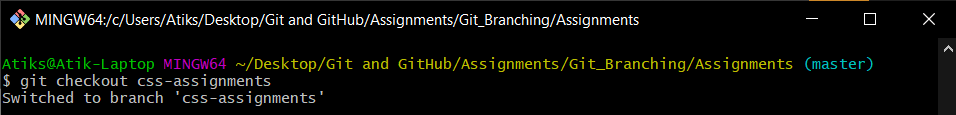
master.



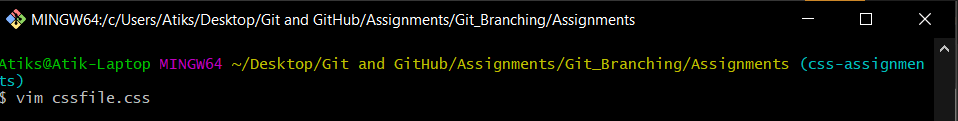


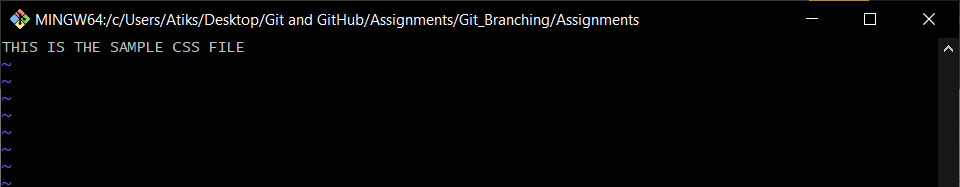


9. Again switch to 'css-assignments branch.

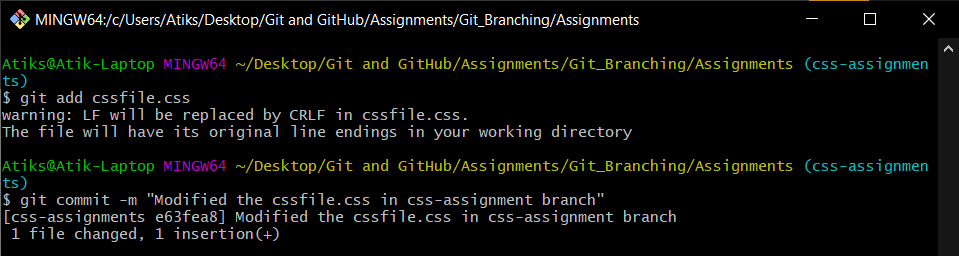


10. Make minor changes into few files belonging to 'css-assignments' branch.

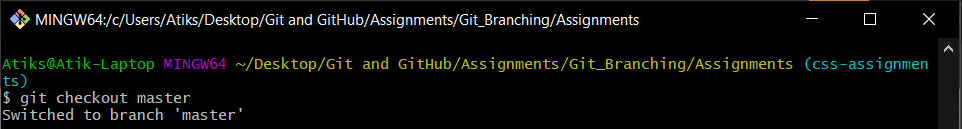




11. Commit those changes.

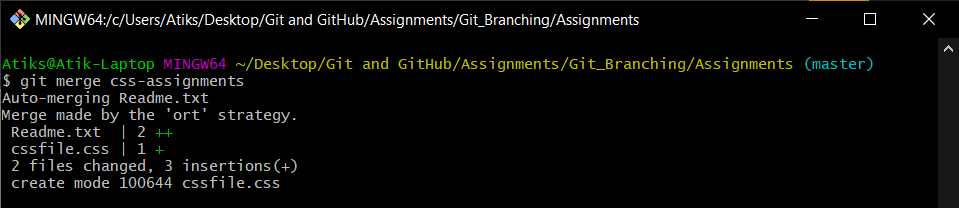


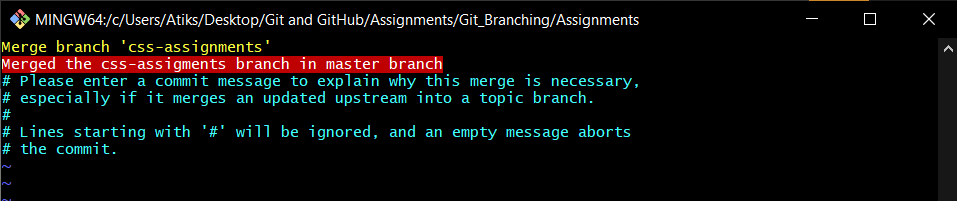
12. Switch to master.



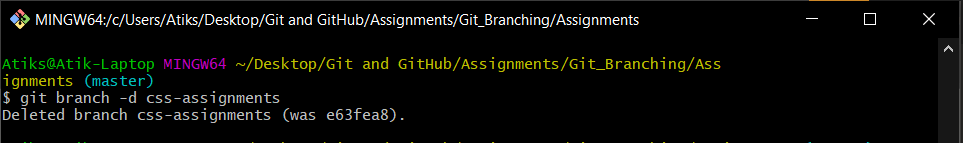
13. Merge css-assignments' branch into master. Confirm all css assignments are shown in

master.

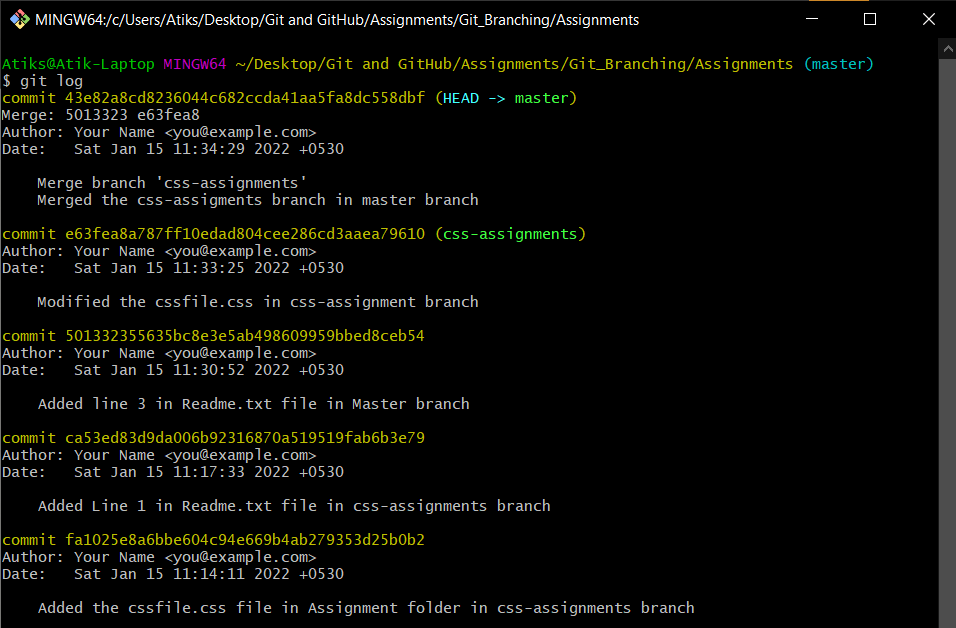




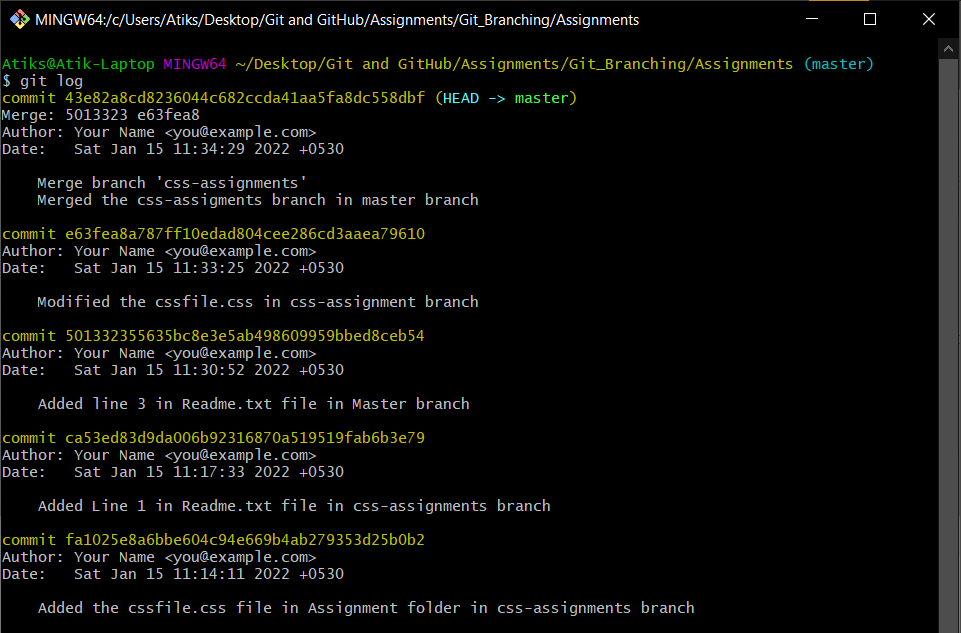
14. Finally delete the 'css-assignments' branch.



**Git log before deleting the css-assignments branch**

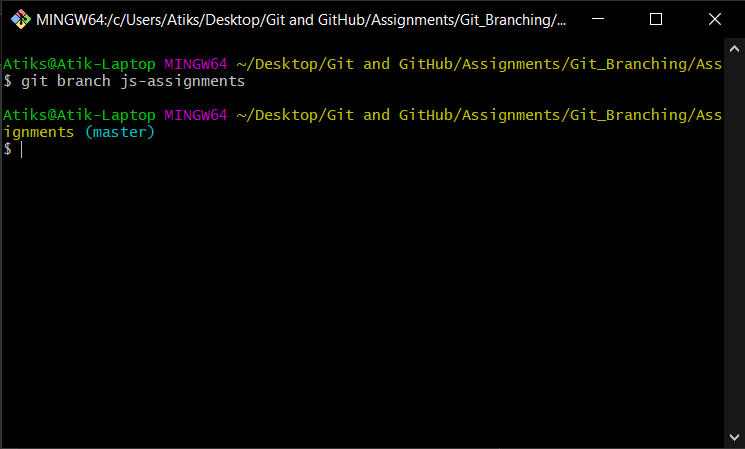
****

**Git log after deleting the css-assignments branch**

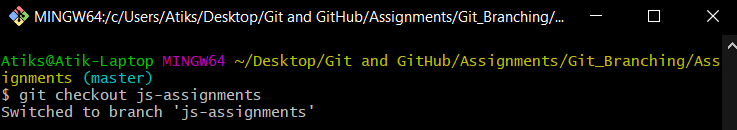
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**Section 3 : (JS Assignments)**

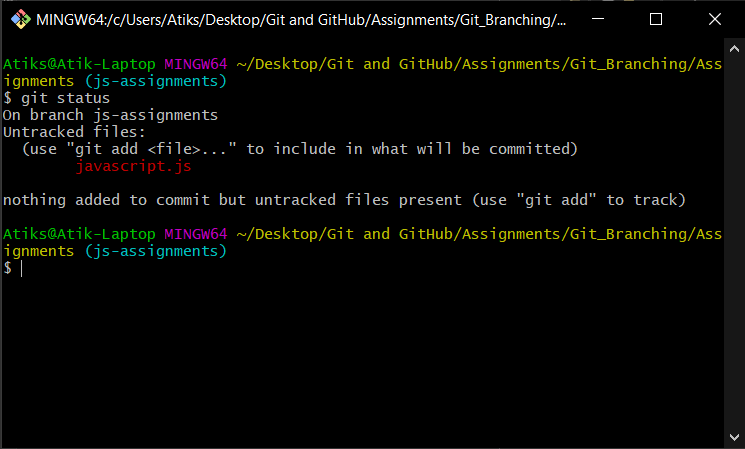
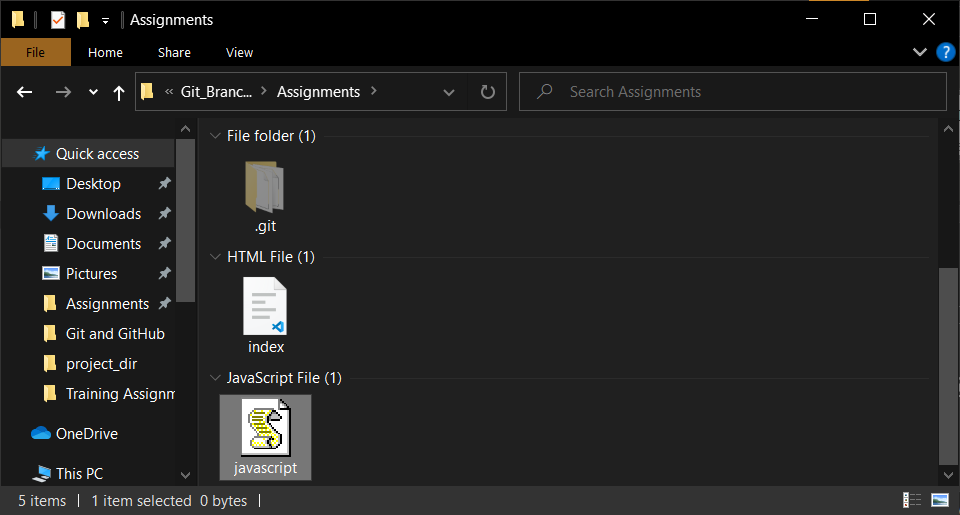
1. Create a new branch 'js-assignments'.



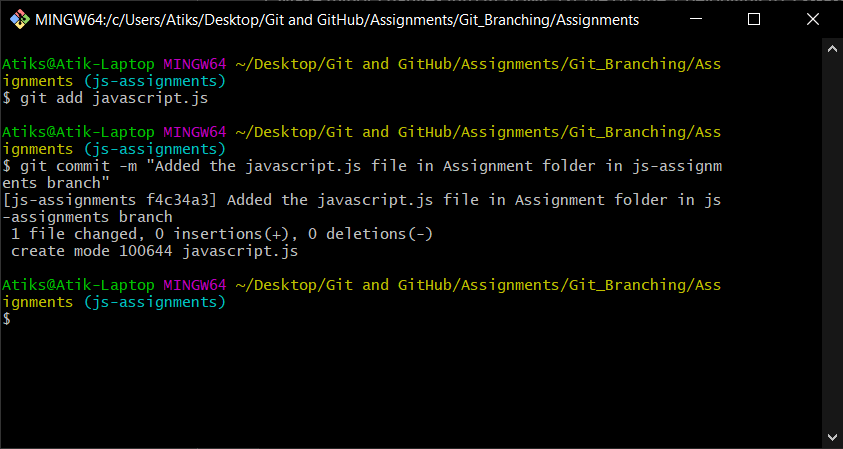
2. Switch to 'js-assignments' branch.



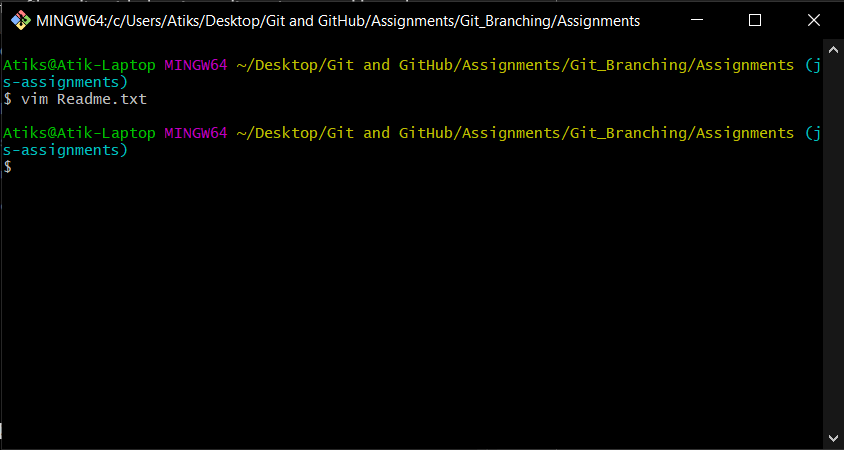
3. Copy all JavaScript assignments inside 'Assignments' folder.

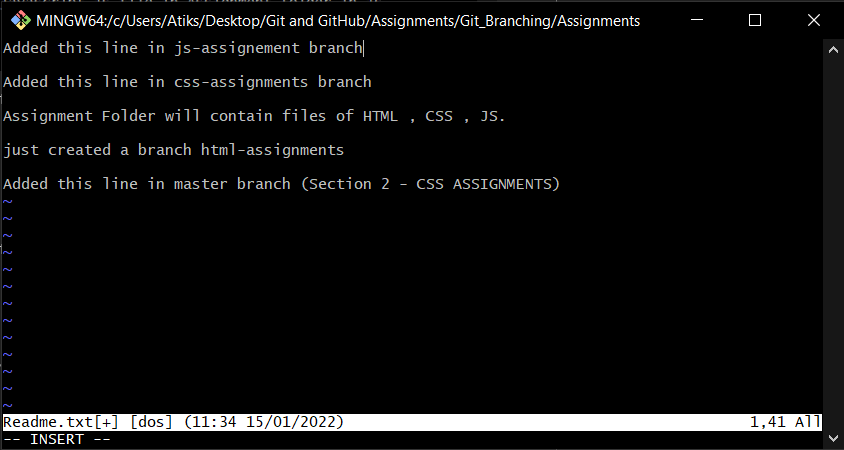
**Copied a empty .js file in Assignment folder** 

4. Commit JavaScript assignments into 'js-assignments' branch.

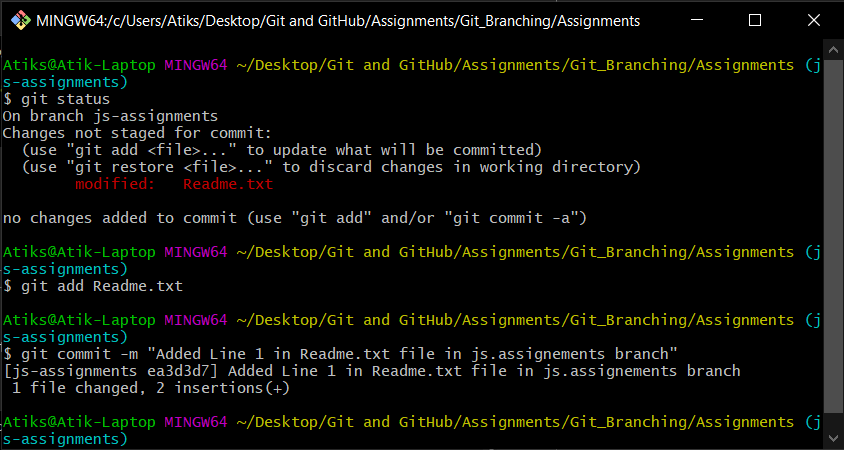


5. Make minor changes into README.txt file on line 1 belonging to 'js-assignments' branch.

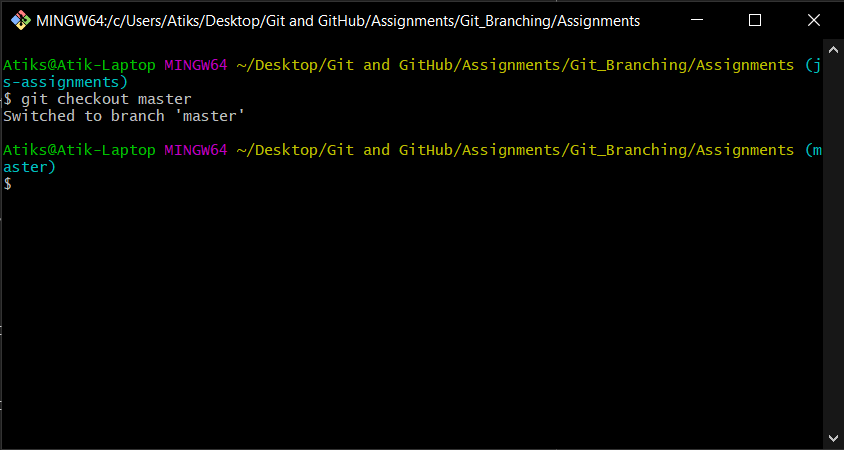




6. Commit those changed files.

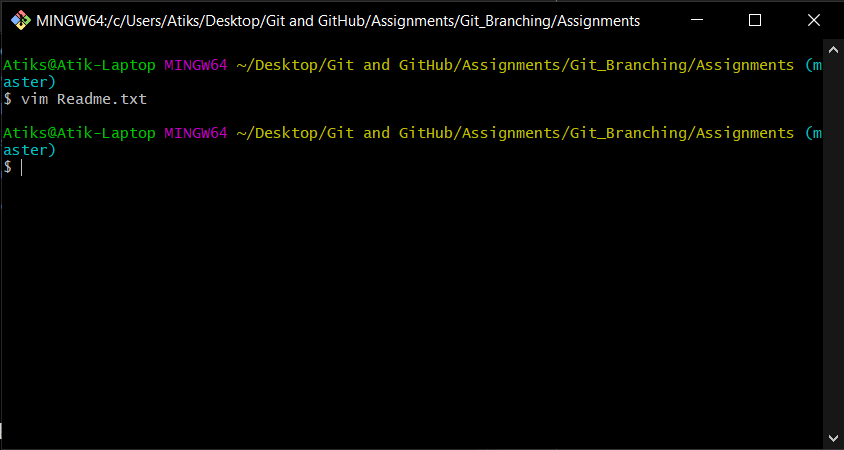


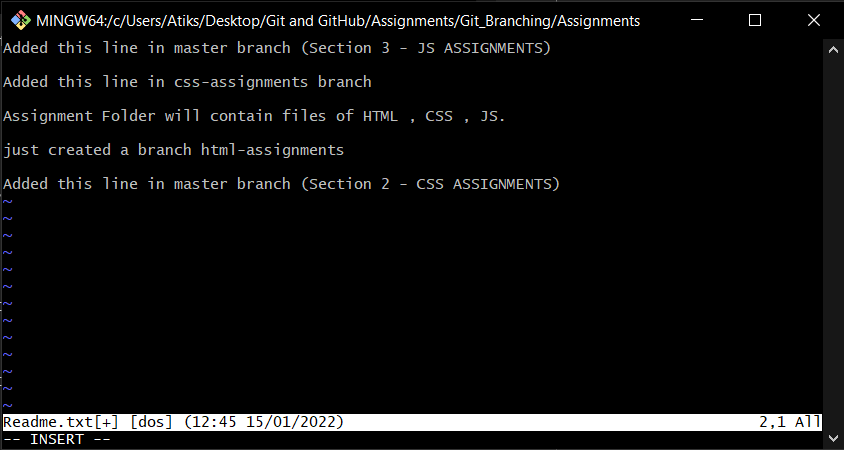
7. Switch to master branch.

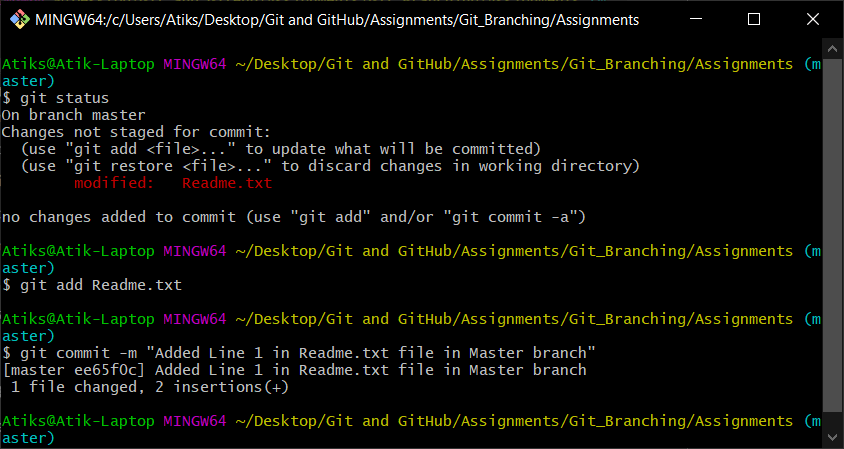


8. Make minor changes into README.txt file on line 1 & commit those changes into

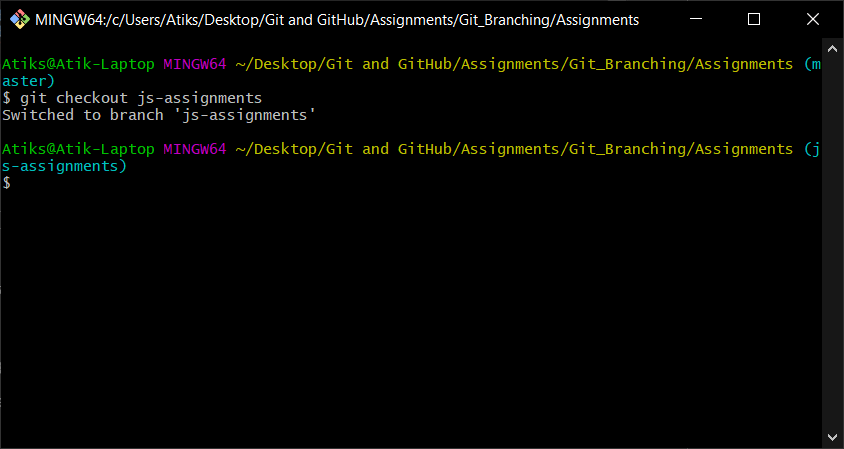
master.



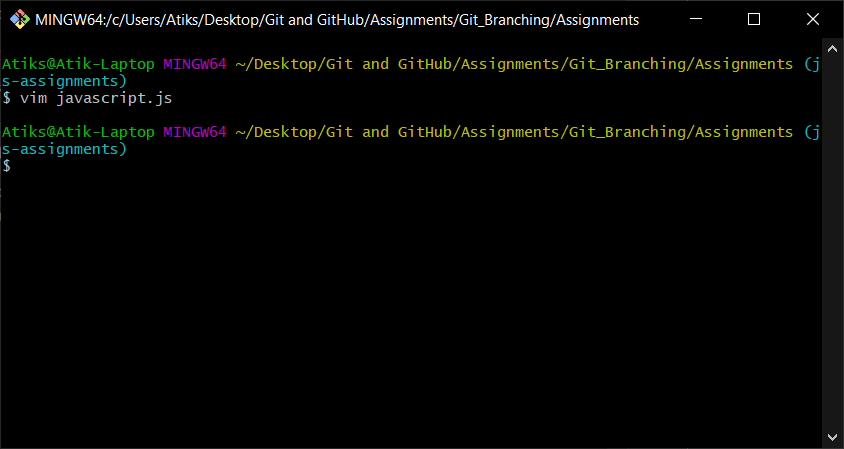




9. Again switch to 'js-assignments' branch.

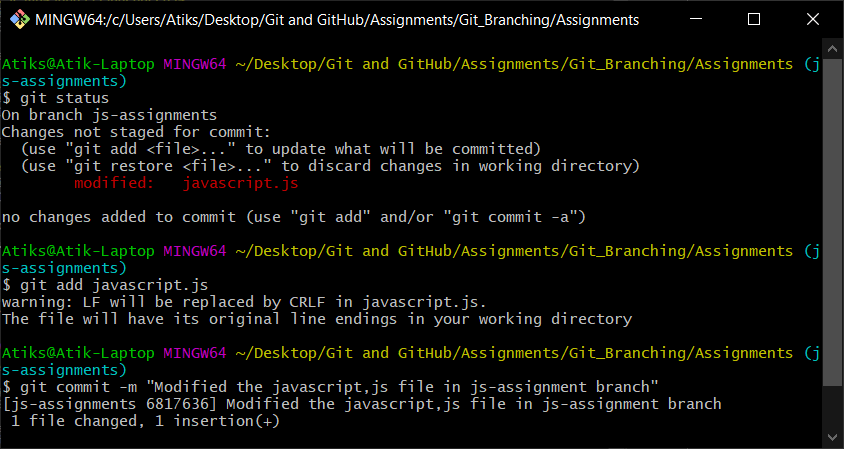


10. Make minor changes into few files belonging to 'js-assignments' branch.

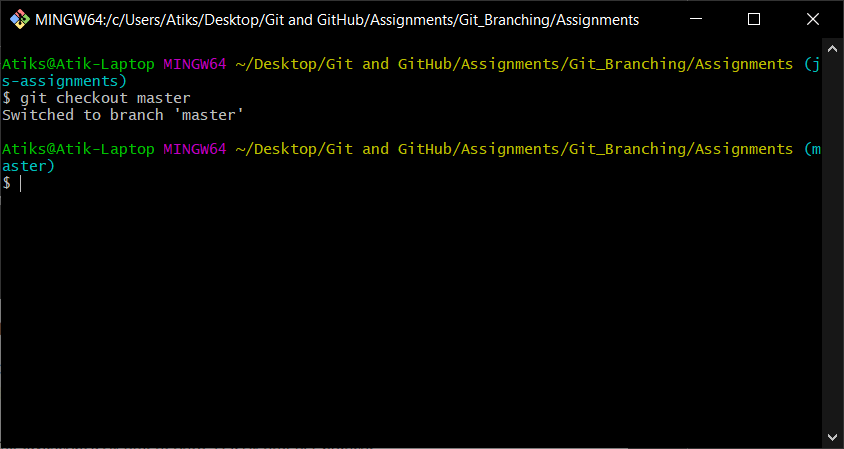




11. Commit those changes.

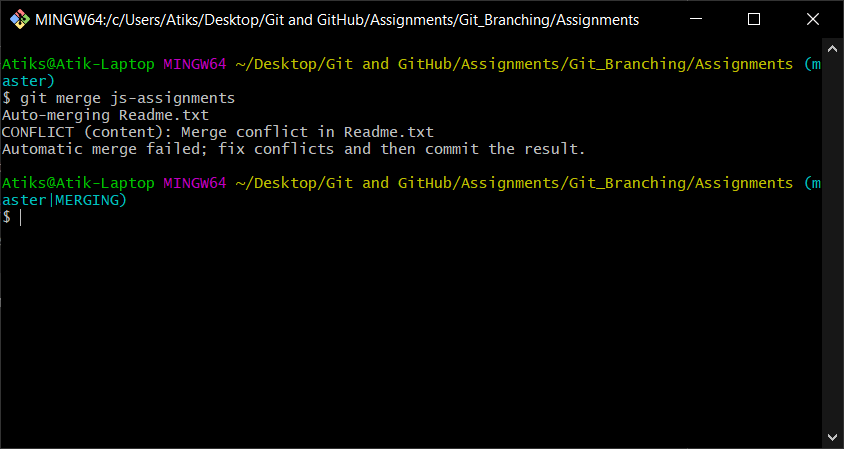


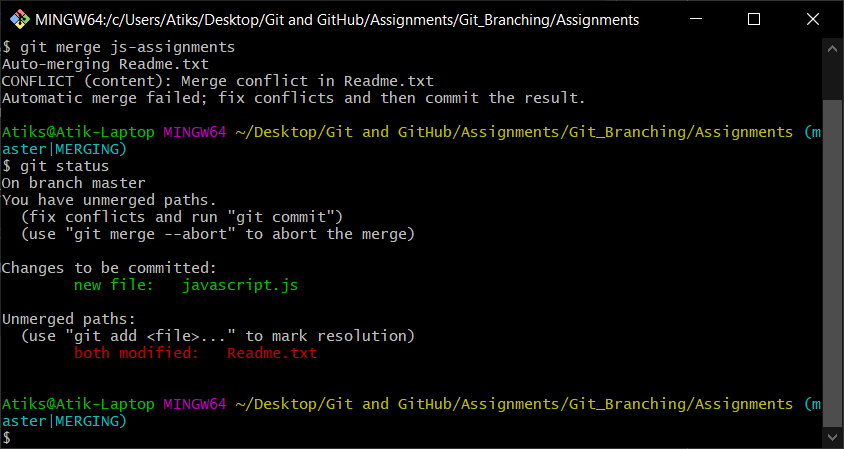
12. Switch to master.



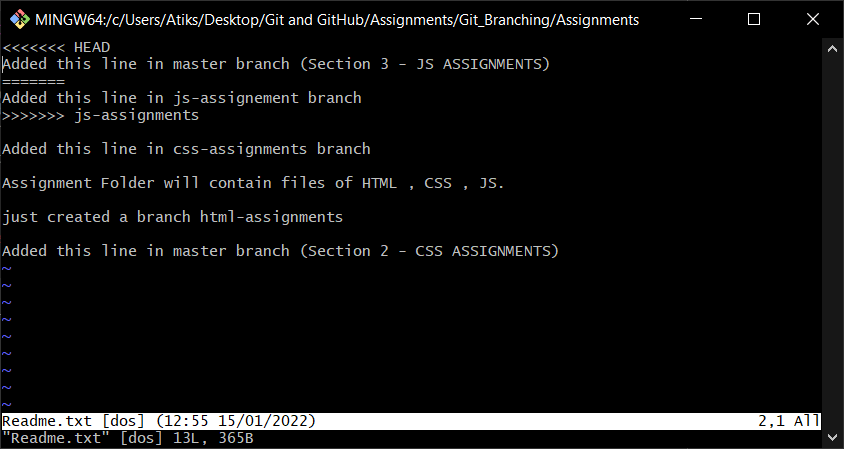
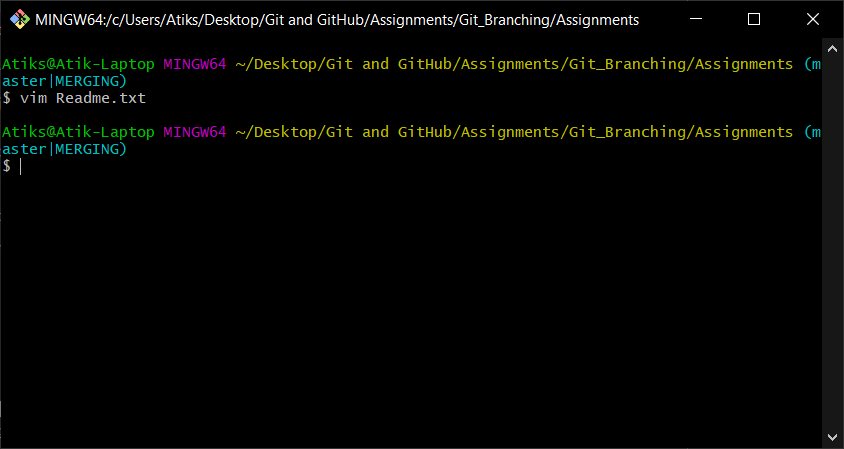
13. Merge 'js-assignments' branch into master. Confirm all JavaScript assignments are

shown in master.

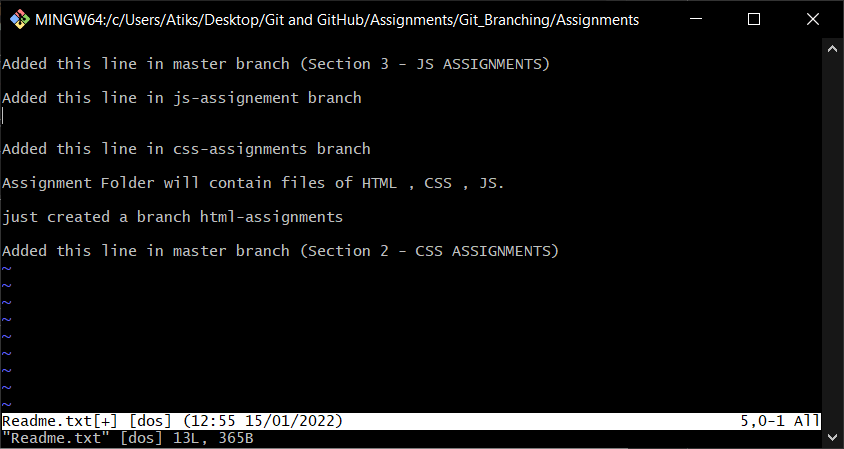




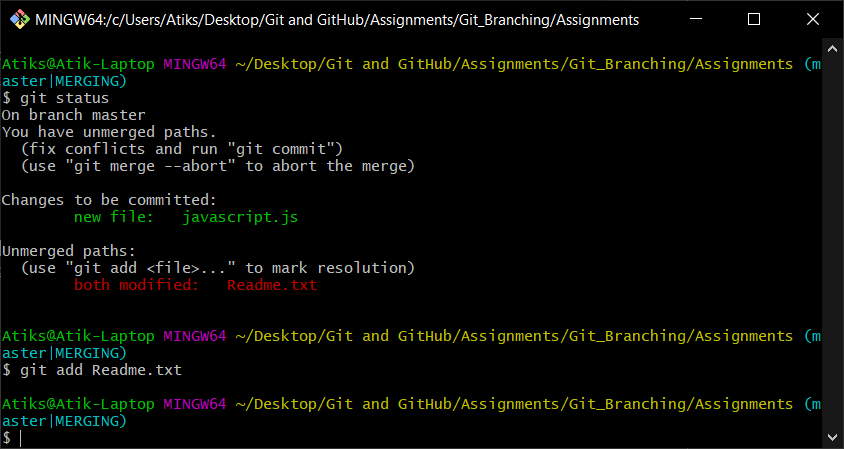
**Here we have a conflict in merging Readme.txt in master from js-assignment branch.**

****

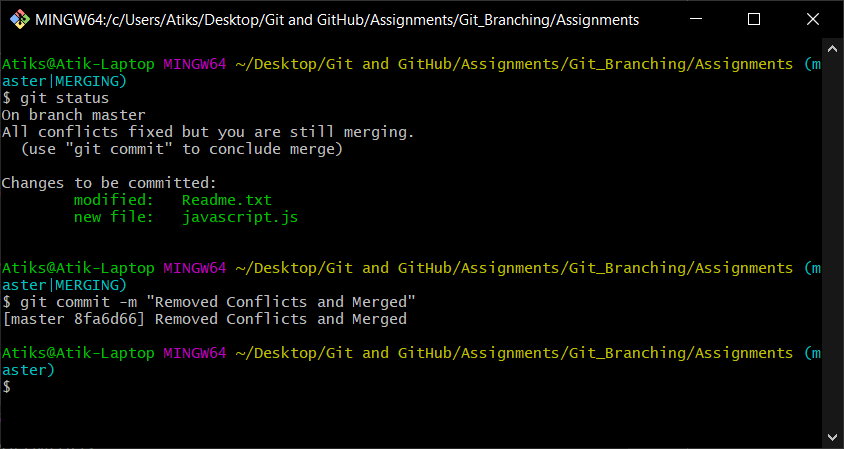
**Manually merged the Readme.txt file**

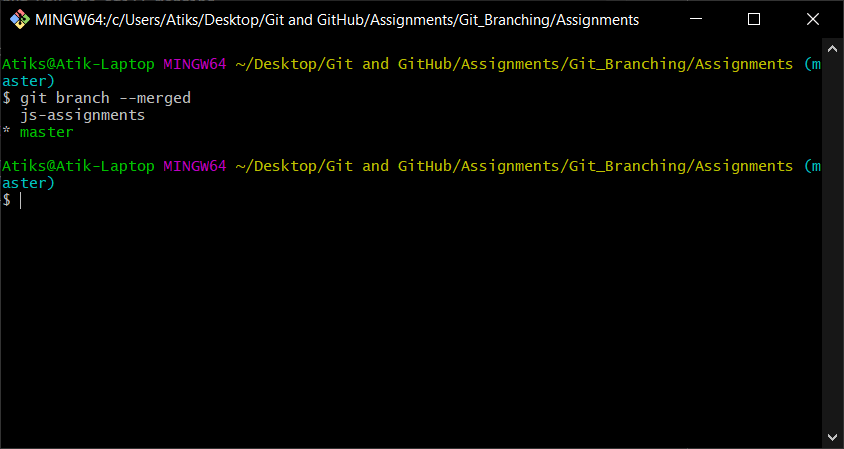
****

**Again staged the Readme.txt file**

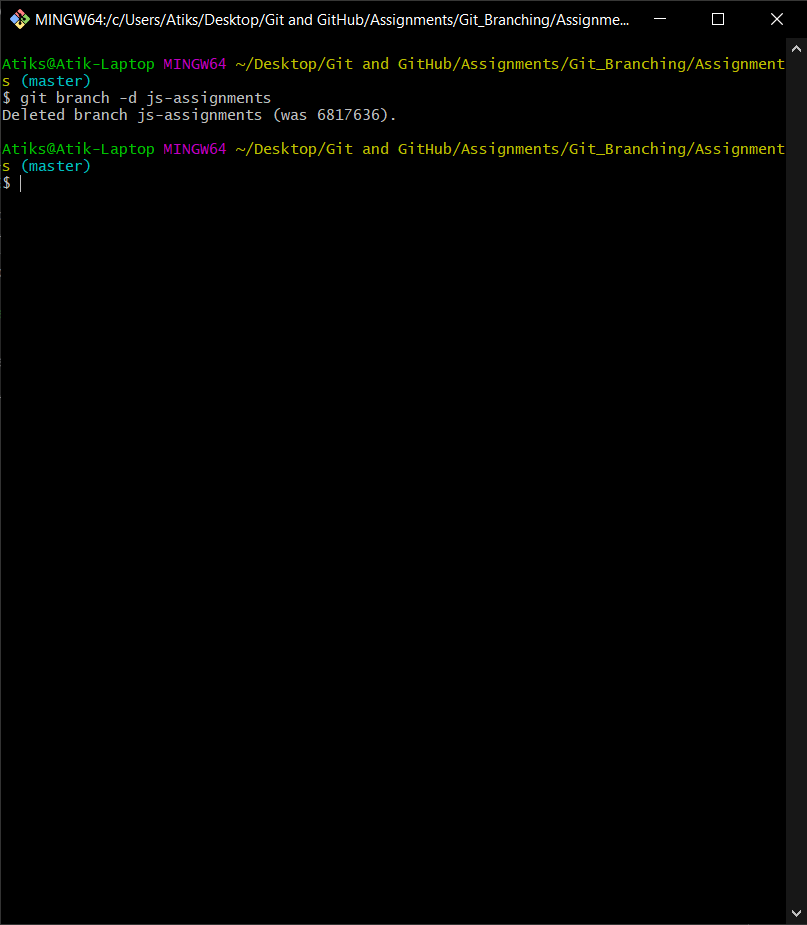
****

**Committed the staged files**

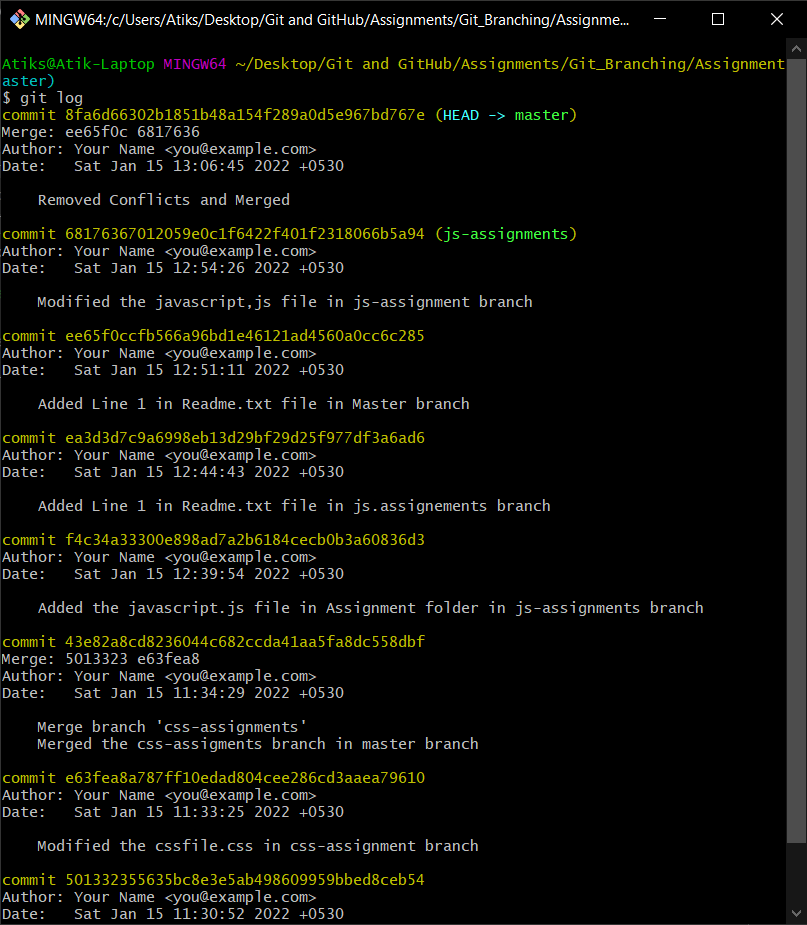
****

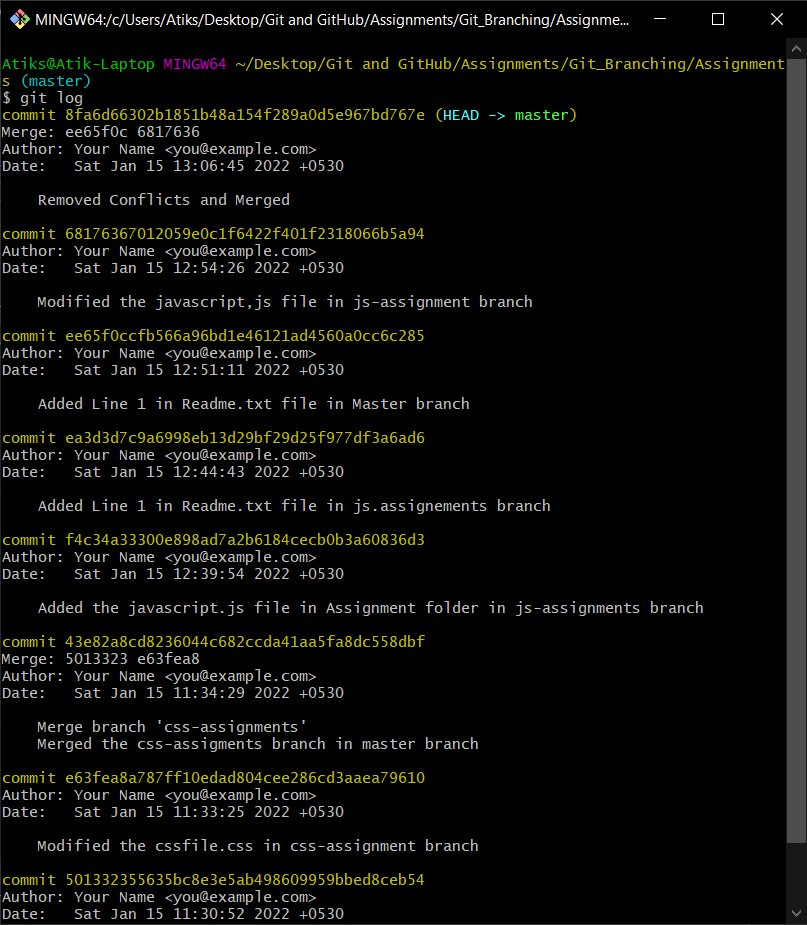
****

14. Finally delete the 'js-assignments branch.



**Git log before removing js-assignment branch**



**Git log after removing js-assignment branch**