Git Assignment

Goal：

- Create your own repository on github (https://github.com/<yourusername>/git_intro.git)
- Test and learn basic git commands to clone repository, add/remove/update files, commit changes, create and merge branch, pull or push changes to sync local change with remote.

Submission：

- github link (https://github.com/<yourusername>/git_intro.git) of your new created repo

Assignment requirement：

1. Use browser to login github.com and create a new project called **"git_intro"**.
2. Clone new created git repository to local hard drive.
3. Inside the cloned folder, create a text file README.md put some content like "# git_intro".
4. Use git add, git status, and git commit command to commit the change.
5. Push the local changes to remote which is github. (use -u to specify your github username and password)
6. Create another two file "first.txt" and "second.txt" and commit to the repository.
7. Remove "second.txt" and commit the change
8. Create a branch called "new_branch"
9. Create another file "third.txt" in new_branch and commit the change.
10. Create another branch called "temp_branch" from Master branch
11. Create another file "fourth.txt" in temp_branch and commit the change.
12. Merge temp_branch to Master and remove temp_branch
13. Clone git repository to another folder "git_intro2"
14. Check and verify the content in git_intro2 should only have one README.md file.
15. Create "fifth.txt" put some content like "the fifth file" and commit the change to git_intro2 Master branch.
16. Push the change in git_intro2 folder to remote.
17. Switch back to git_intro folder and switch to master branch.
18. Create "fifth.txt" put some content like "this is the fifth file" and commit the change.
19. Pull all change from remote, merge files if any conflicts found.
20. Push all changes from git_intro folder to remote.
21. Go to github website and verify the commits
22. Use sourcetree or other Git UI tool to open git_intro folder and check the history.