Git Assignment

Version Control Systems and Strategies

In this assignment there are totally **20** requests and you should answer all of them using git and bash commands. To get **G**(godkänd), you need to have at least **15** correct answers and to get **VG**(väl godkänd), you should correctly answer **all** of them.

Please note that the submission deadline is **2021-10-10 23:59.**

Git (answer only using git and bash commands)

1. Create a directory named **repo** and in the directory create a repository.
2. Create the **.gitignore** file for your repository and add it to the staging area.
3. Check the status of the repository.
4. Commit the changes with the message "**Initial commit**".
5. Create an **empty** repository on **Github** and add the remote repository to your local repository.
6. Push all the changes to the remote repository.
7. Create a new branch (**develop**) and push it to the remote repository.
8. Switch to **develop** and create the **main.c** file for your repo and stage it.
9. Commit the changes with the message "**Second commit**".
10. Change the message of the last commit to "**Added the source file**".
11. Pull the repository from the remote and then push all the changes to the remote repository.
12. Show the **log** of your commits (short form of the commit IDs).
13. Merge the **develop** branch into the **master/main** branch and tag (**v1.0**) the last commit.
14. Delete the **develop** branch and push all the changes to the remote repository.
15. Create the **README.md** file of your repo and commit it with the message "**Added README.md**".
16. Move and annotate the created tag (**v1.0**) to the last commit with the message "**First version**".
17. Change the message of the commit with the message "**Added the source file**" to "**Added main.c**"
18. Move the tag (**v1.0**) to the last commit and push all the changes to the remote repository.
19. Delete the commit with the message "**Added main.c**".
20. Move the tag (**v1.0**) to the last commit and push all the changes to the remote repository.