Homework Instruction - Version Control with GIt

Question 1

Given a codebase in python main.py, and math\_function.py

* Create a local repository from the command line.
* Add and commit files
* Push your repository up to GitHub as the first commit
* Create a new Feature Branch named "feature/add\_mul\_div" in your local repository
* Add new math functions (multiplication and division) in math\_function.py in the branch "feature/add\_mul\_div"
* Test the new functions from the main.py
* Commit and push your branch to your public repo
* Merge your branch into master in local repo then push to public repo

Submit the link of your public repo. The reviewer will check the commit history of master branch and feature/add\_mul\_div branch

Question 2

Fork and Clone this public repo <https://github.com/yudiprtm/pytorch-mnist-sample>

* Run pytroch-mnist.ipynb in google colab, check the accuracy result
* Create a new branch called parameter-testing
* Modify the hyperparameters to train CNN (learning\_rate and momentum) in the pytroch-mnist.ipynb so that the accuracy result reaches > 90%.
* Add and commit the change into parameter-testing branch
* Push your changes into public repo
* Create Pull Request from your parameter-testing branch to <https://github.com/yudiprtm/pytorch-mnist-sample>

Submit the link to your public repo. The reviewer will check your Pull Request