

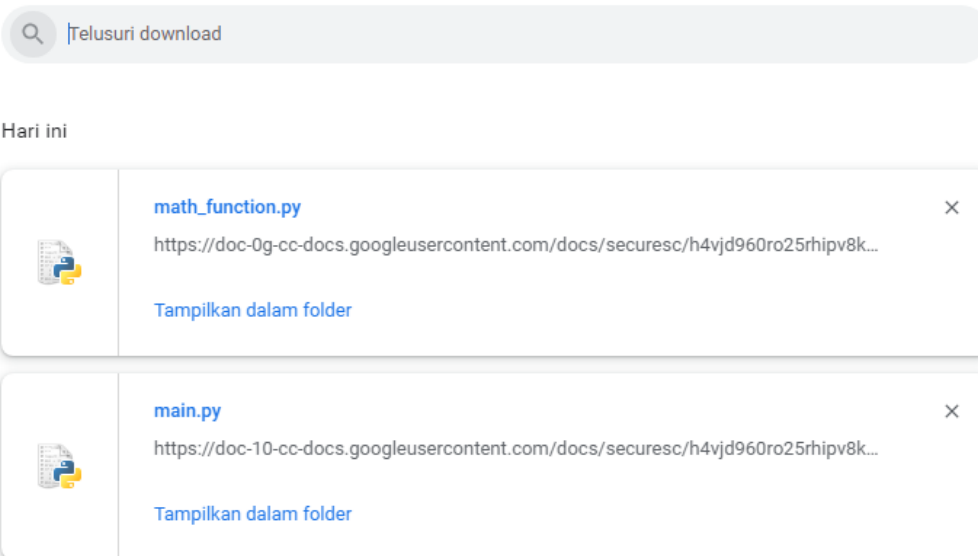
Nama : Ilham Habibullah

Id Participant : AI03018

Baca seluruh instruksi Tugas_3 yang telah diberikan pada G.Classroom

1. Soal nomer 1 Jawabannya sebagai berikut

Download 2 file pada G.Classroom yaitu main.py dan math_function.py “Ingat, Jangan dibuka langsung pada google untuk dikerjakan, tapi harus didownload terlebih dahulu” Setelah didownload baru proses pengerjaan tugas sesuai instruksi.



Membuat local repository dari Command Line lalu klik “Create Repository”

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?
[Import a repository.](#)

Owner * Repository name *

Ilham481 / Tugas3_StartupCampus_Kampus

Great repository names are short and memorable. Need inspiration? How about [super-duper-octo-spoon?](#)

Description (optional)

Menyelesaikan tugas ke 3 AI Track Startup Campus Kampus Merdeka Studi Independen

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

☒ Add a README file
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None

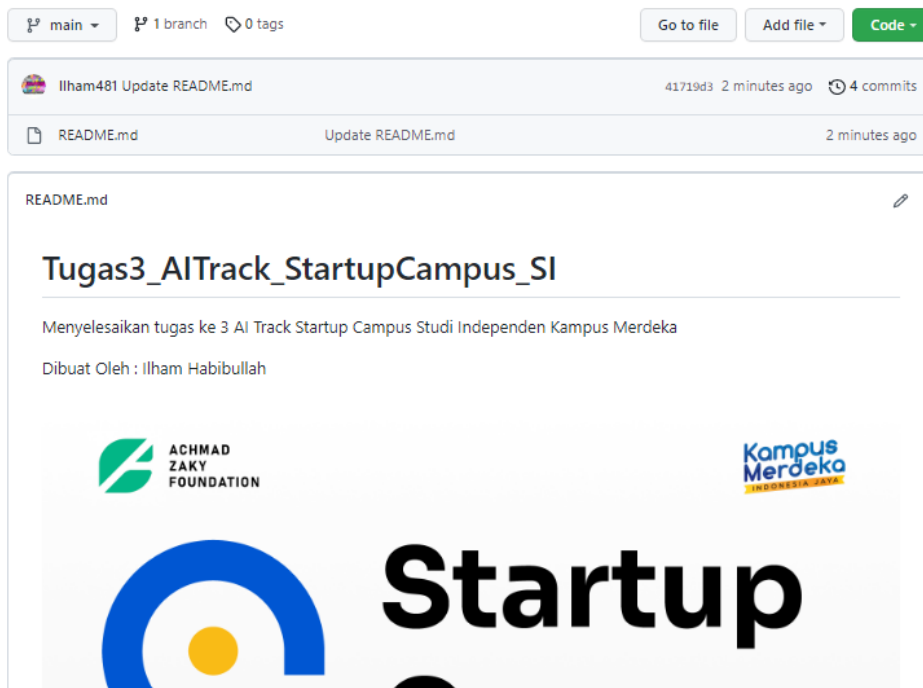
Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)

License: None

This will set main as the default branch. Change the default name in your [settings](#).

Jika sudah klik “Create Repository” bahwa telah membuat local repository seperti tampilan berikut



Clone antara git milik kita yang sudah dibuat repositorynya dengan folder pada local disk C.

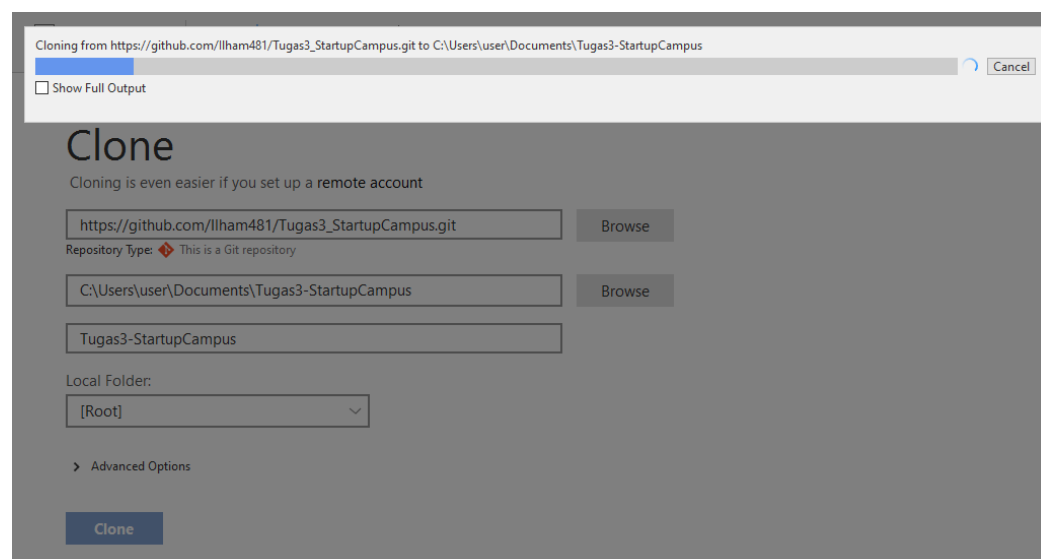
Clone

Cloning is even easier if you set up a [remote account](#)

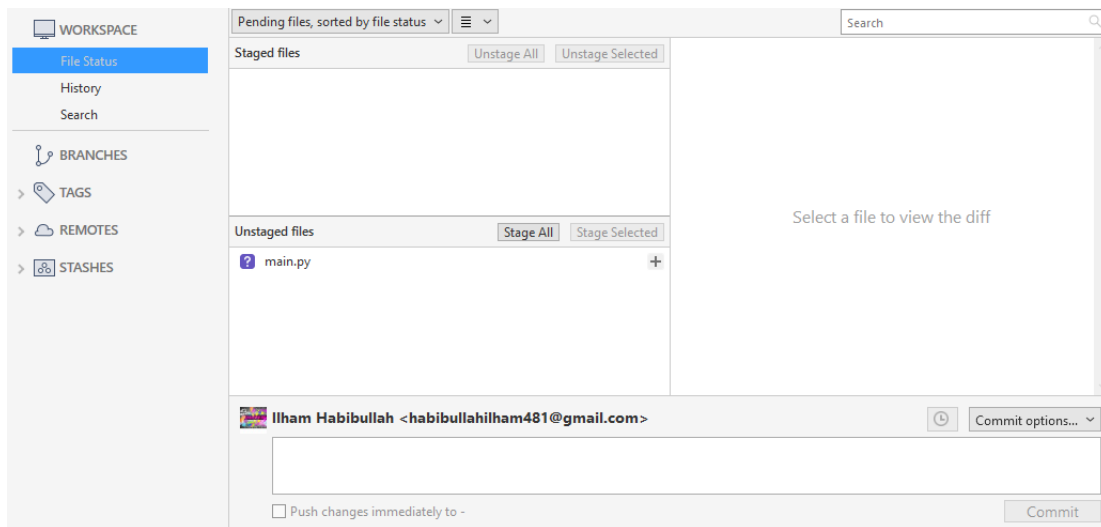
Repository Type: This is a Git repository

Local Folder:

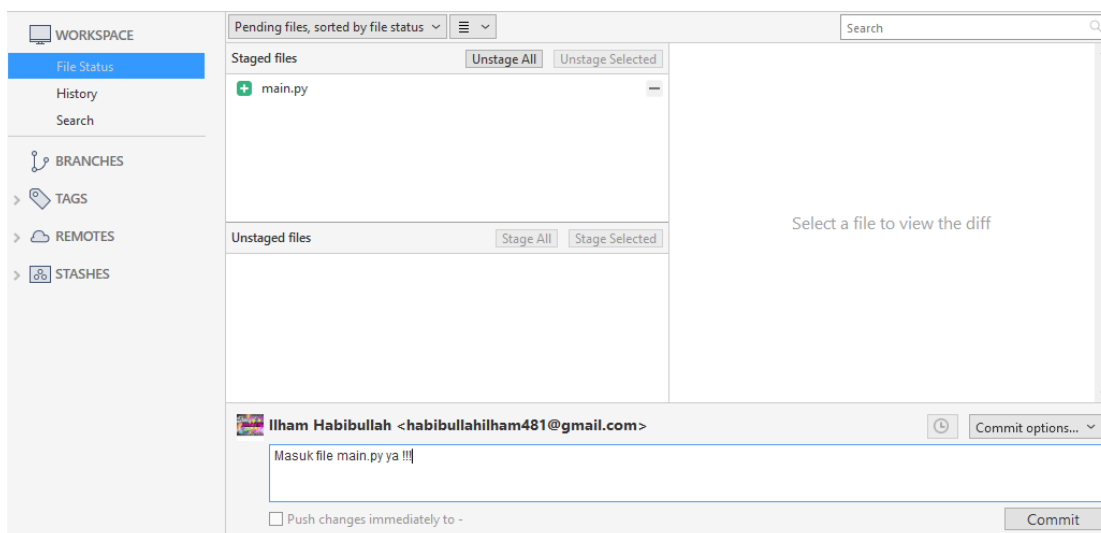
> Advanced Options



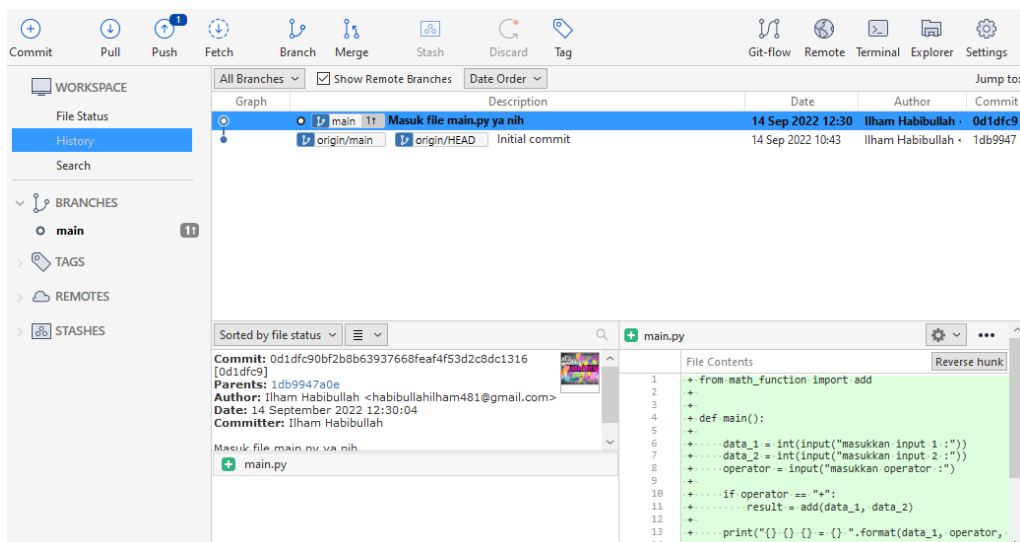
Masukan/Input file baru Add file yaitu “main.py” seperti tampilan berikut lalu Stage All

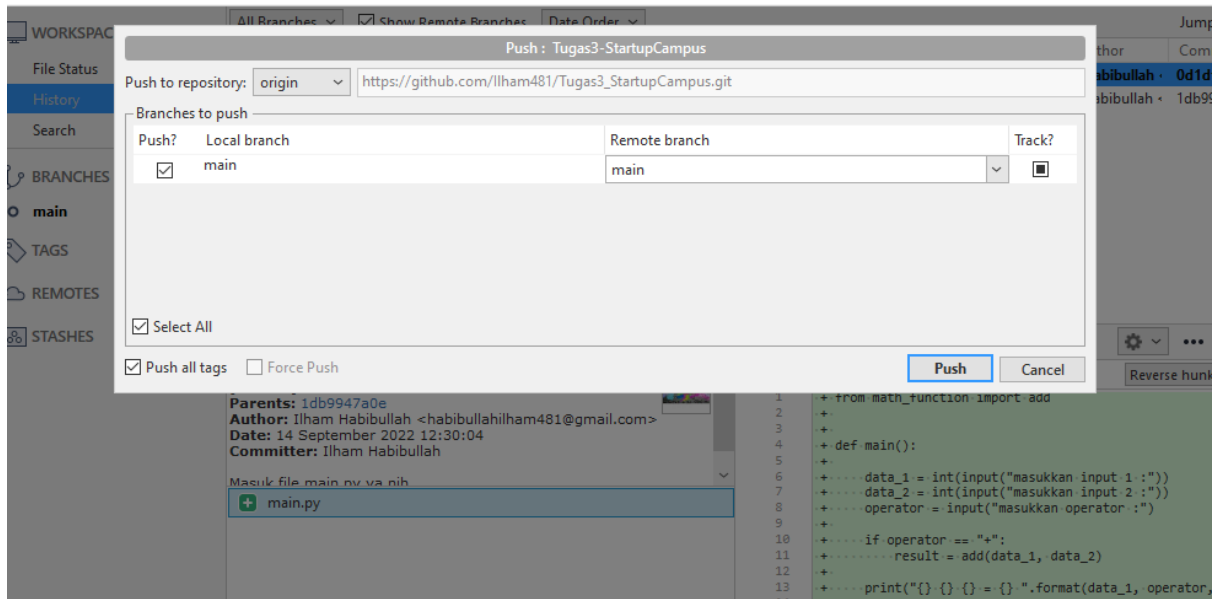


Jika File baru sudah klik StageAll Maka tampilan akan sebagai berikut, Kemudian berikan coment “Masuk file main.py ya” Lalu Klik Commit.

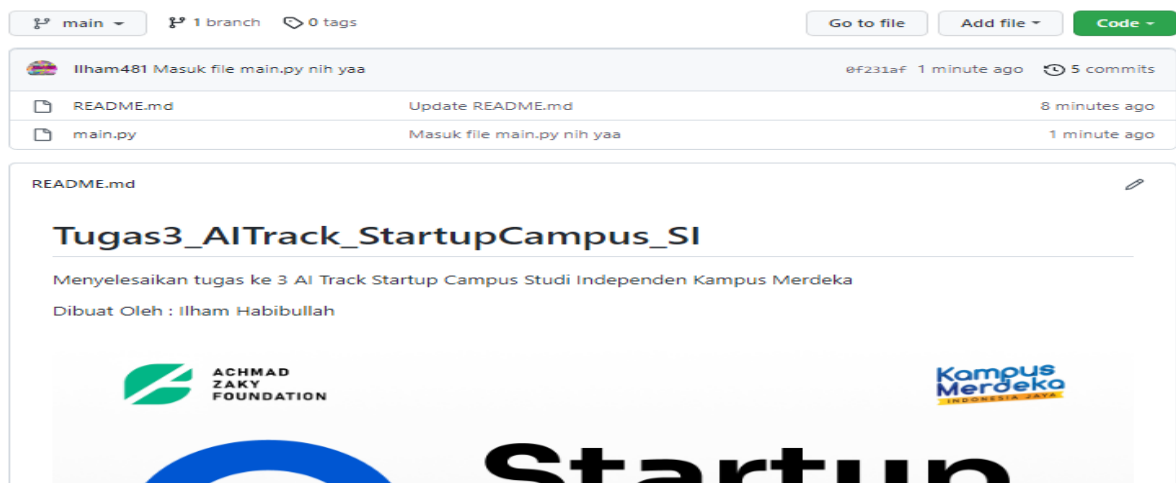


Kemudian akan masuk pada History lalu klik “PUSH”

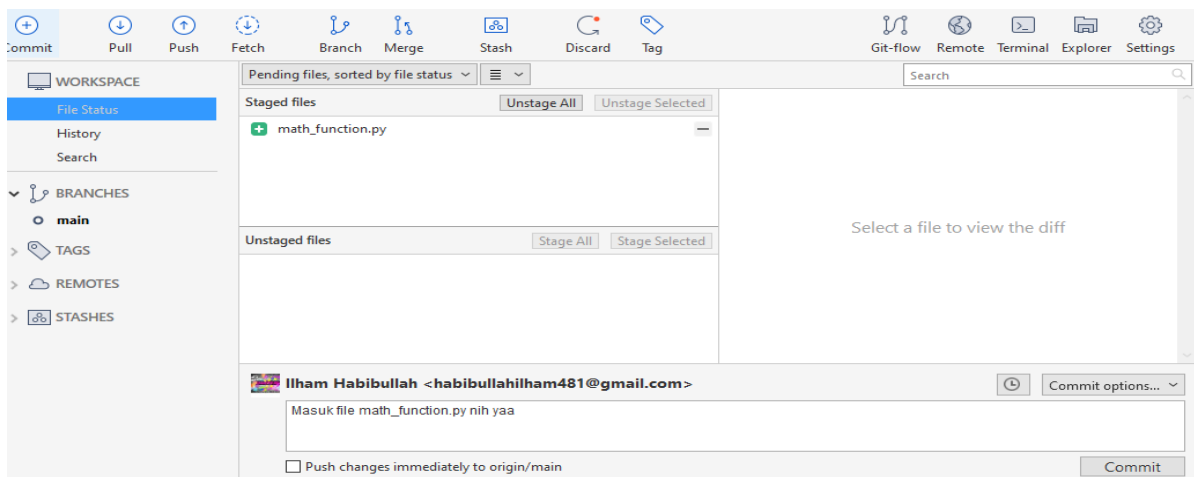




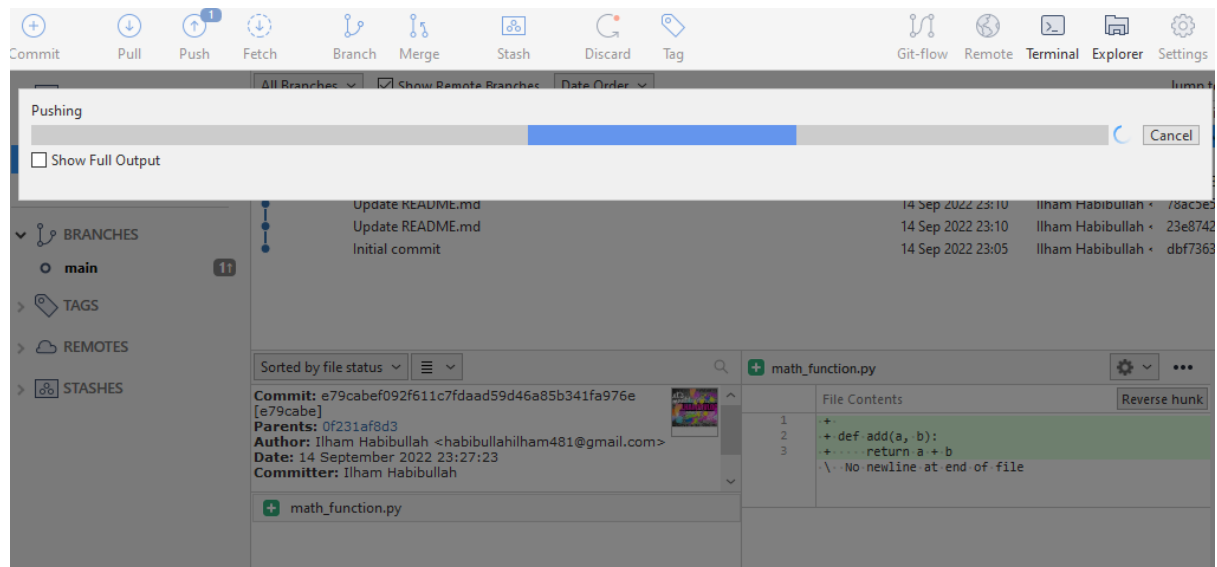
Tunggu hingga proses selesai, Selanjutnya cek GITHUB Kita untuk mengecek file main.py sudah masuk, Jika file baru main.py sudah masuk pada GITHUB kemudian commit baru. Kemudian kita buka GITHUB untuk cek file main.py sudah masuk maka tampilan akan sebagai berikut



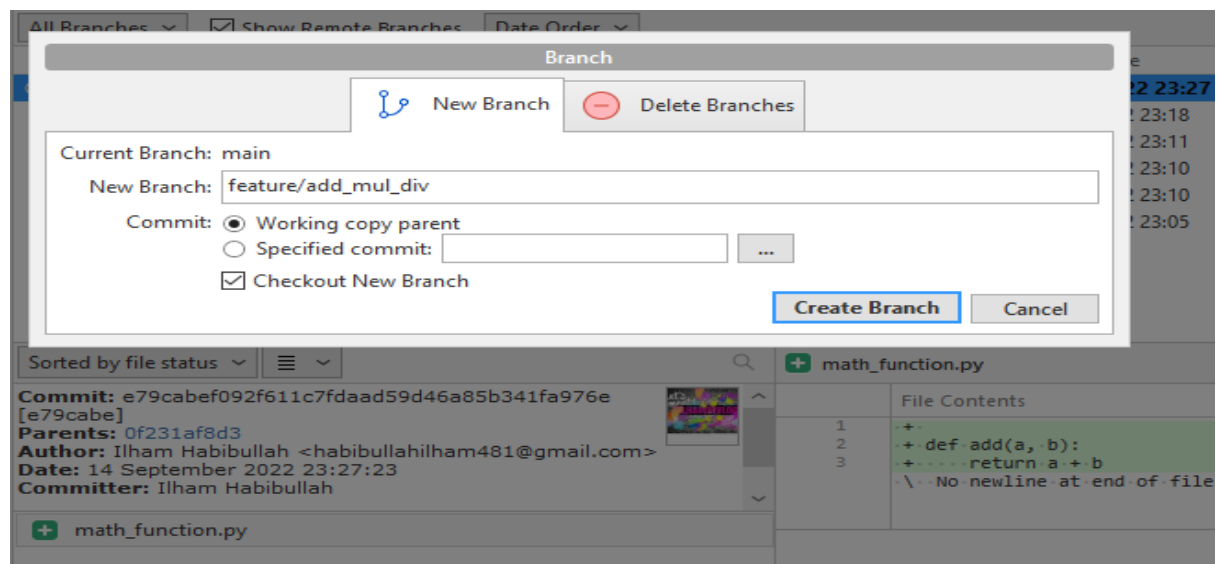
Kemudian kita masukan file math_function.py jika sudah maka untuk commit tampilan akan sebagai berikut



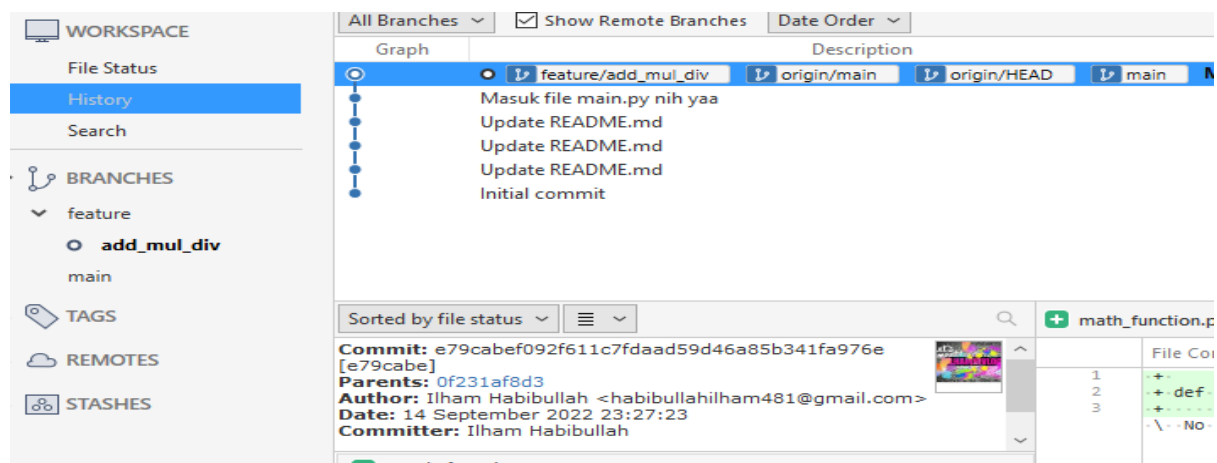
Kemudian kita “PUSH” pada file math_function.py tersebut tampilan sebagai berikut



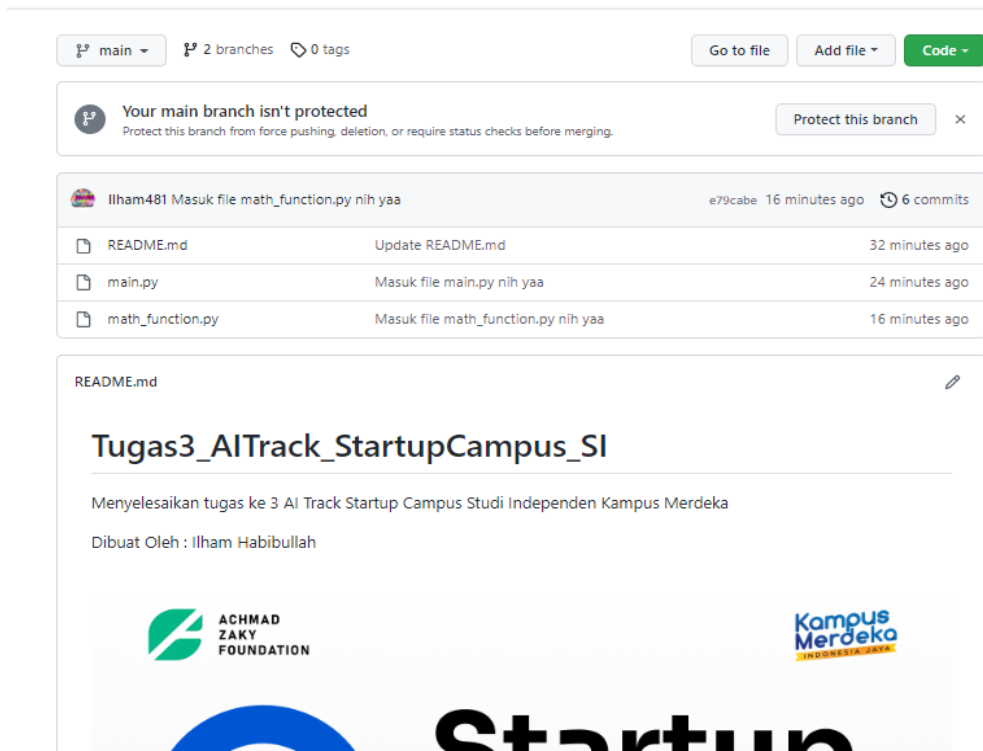
Sekarang melakukan **Branch** dengan memberikan nama “feature/add_mul_div” lalu klik Create Branch



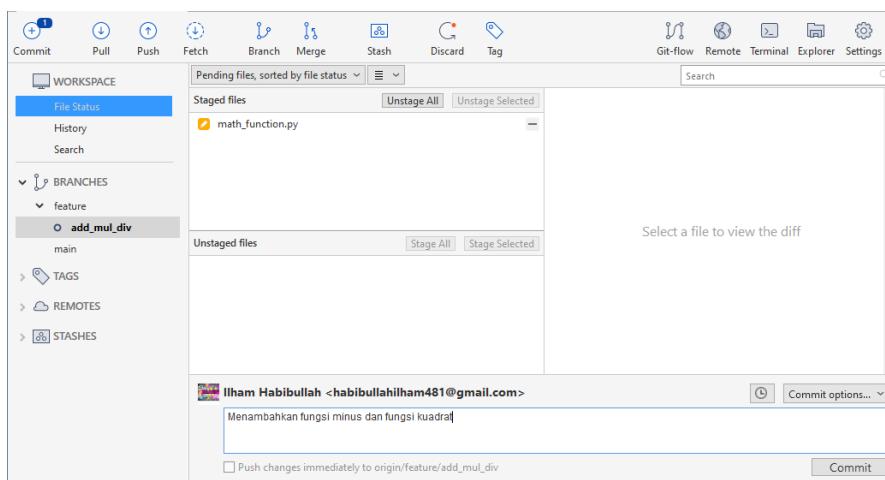
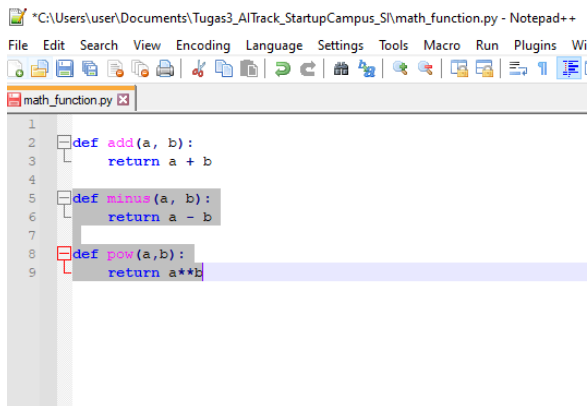
Tampilan lanjutan



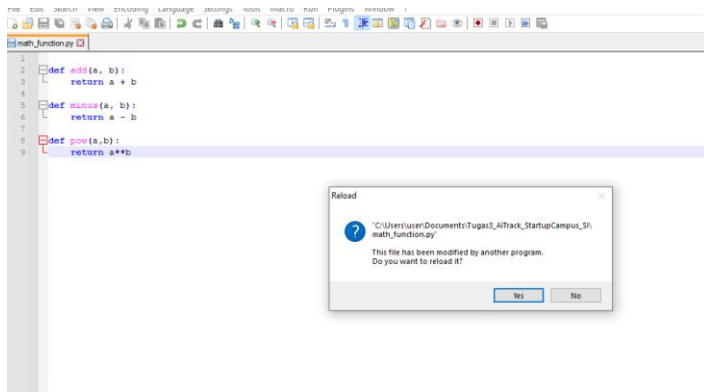
Kemudian kita lihat GITHUB untuk mengecek hasil Branch yang sudah dilakukan, maka tampilan akan sebagai berikut



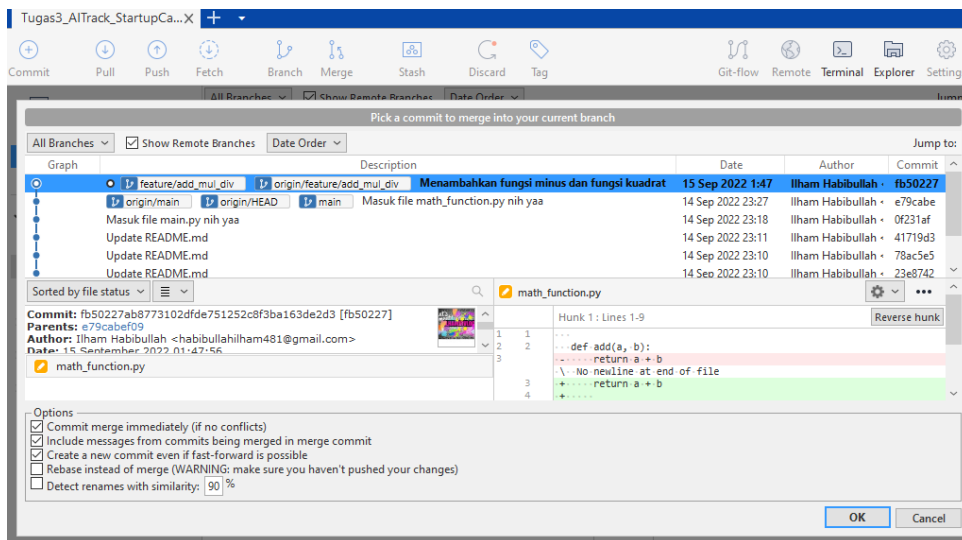
Kemudian melakukan Merge, Buka file math_function pada Notepad++



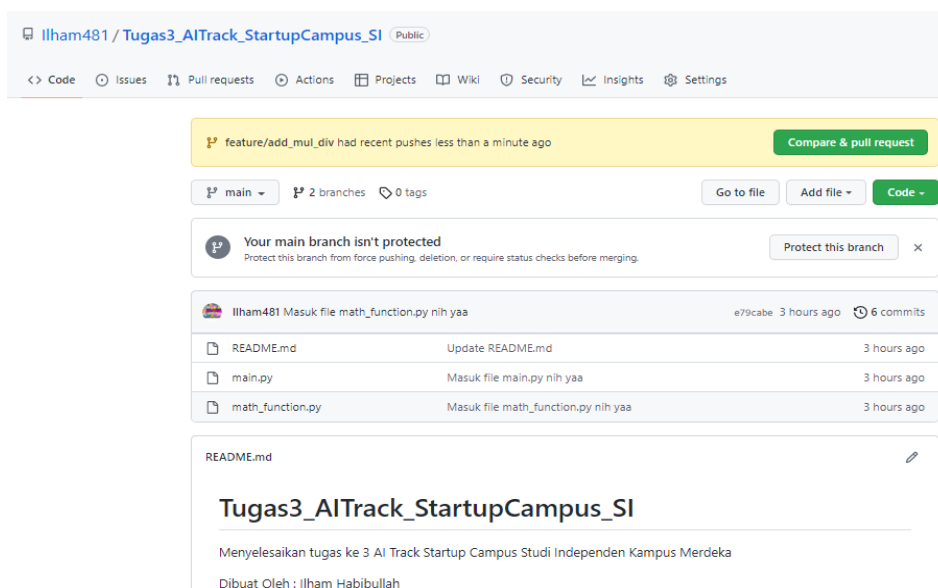
Jika Kalian klik “main” maka isi file pada math_function akan berbunyi sebagai berikut itu sebaliknya jika kita klik “add_mul_div



Selanjutnya melakukan Merge, Lihat Bagian Options Cek list 3 bagian paling bawah lalu klik OKE



Jika sudah melakukan Merge Berhasil maka tampilannya akan seperti sebagai berikut pada GITHUB Kita



Selanjutnya pada tampilan GITHUB kita klik accepted dengan klik “ Compare&Pull Request “

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base: main

←

compare: feature/add_mul_div

✓ Able to merge. These branches can be automatically merged.

Menambahkan fungsi minus dan fungsi kuadrat

Write

Preview

H B I

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Review

No review

Assign

No assignees

Label

None

Project

None

Milestones

No milestones

Development

Use default

Jika sudah maka klik Create Pull Request

Menambahkan fungsi minus dan fungsi kuadrat #1

Open

Ilham481 wants to merge 1 commit into main from feature/add_mul_div

Conversation 0

Commits 1

Checks 0

Files changed 1

Ilham481 commented now

Owner

No description provided.

Menambahkan fungsi minus dan fungsi kuadrat

fb50227

Add more commits by pushing to the `feature/add_mul_div` branch on `Ilham481/Tugas3_AITrack_StartupCampus_Sl`.

Require approval from specific reviewers before merging

Ensure specific people or teams approve pull requests before they're merged into your main branch.

Add rule

×

Continuous integration has not been set up

[GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.

✓ This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Write

Preview

H B I

Selanjutnya Kita Merge pull Request lalu klik Confirm Merge

Menambahkan fungsi minus dan fungsi kuadrat

fb50227

Add more commits by pushing to the `feature/add_mul_div` branch on `Ilham481/Tugas3_AITrack_StartupCampus_SI`.

Merge pull request #1 from Ilham481/feature/add_mul_div

Menambahkan fungsi minus dan fungsi kuadrat dari add_mul_div

This commit will be authored by 83297281+Ilham481@users.noreply.github.com

Confirm merge

Cancel

Write

Preview

H B I

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Close pull request

Comment

Ilham481 merged commit 28042a8 into main now

Revert

Pull request successfully merged and closed

You're all set—the `feature/add_mul_div` branch can be safely deleted.

Delete branch

Write

Preview

H B I

Leave a comment

main

2 branches

0 tags

Go to file

Add file

Code

Your main branch isn't protected

Protect this branch

×

Ilham481 Merge pull request #1 from Ilham481/feature/add_mul_div

28042a8 2 minutes ago 8 commits

README.md

Update README.md

3 hours ago

main.py

Masuk file main.py nih yaa

3 hours ago

math_function.py

Menambahkan fungsi minus dan fungsi kuadrat

22 minutes ago

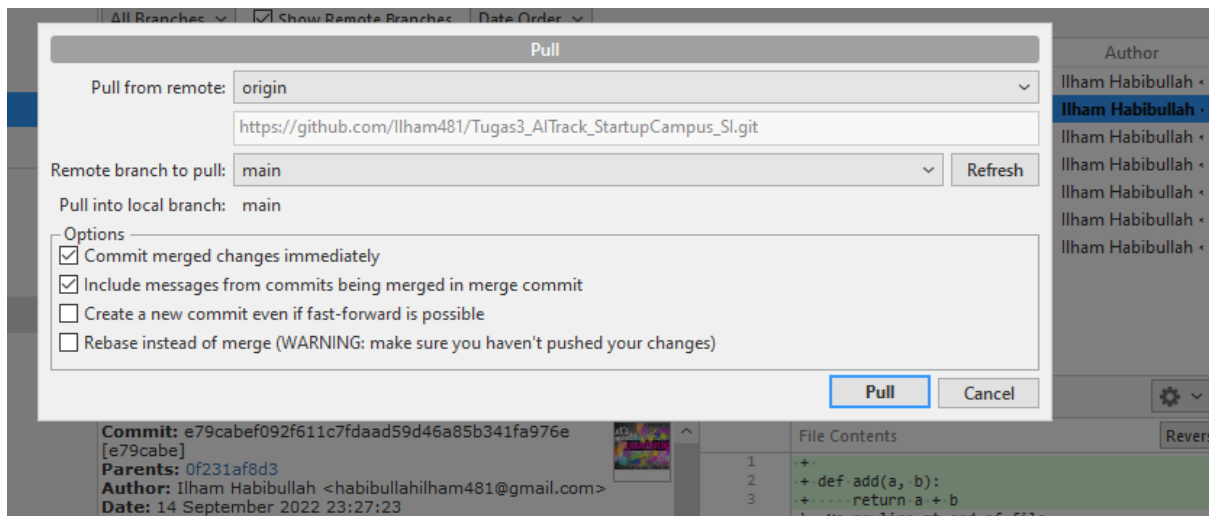
README.md

Tugas3_AITrack_StartupCampus_SI

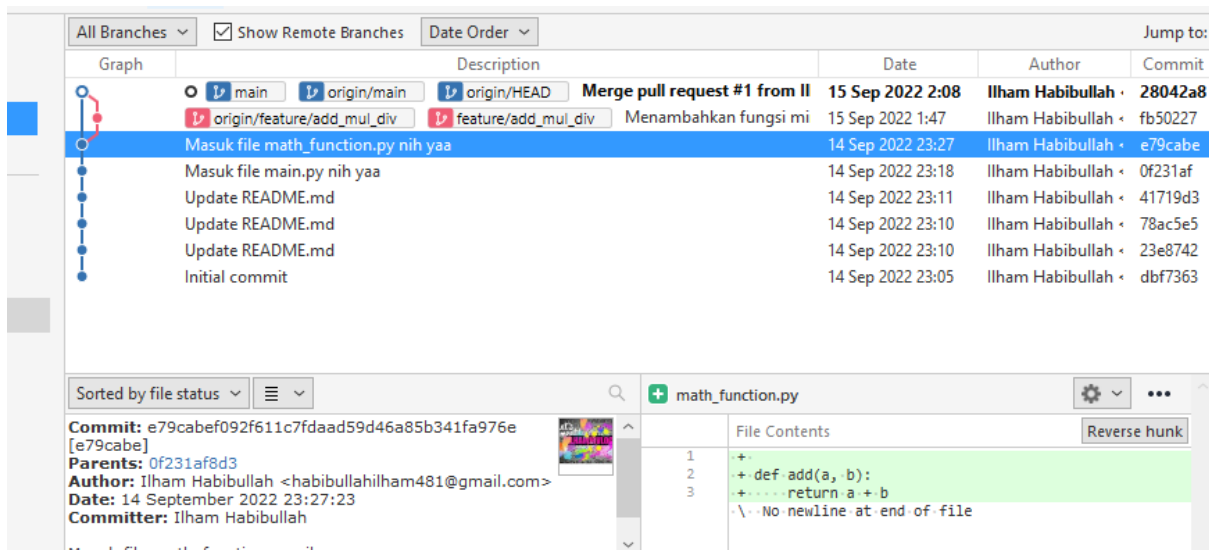
Menyelesaikan tugas ke 3 AI Track Startup Campus Studi Independen Kampus Merdeka

Dibuat Oleh : Ilham Habibullah

Kemudian balik lagi ke Sourcetree untuk melakukan PULL



Jika sudah berhasil Tampilan akan seperti gambar berikut ini dibawah



Hasil Link berikut : https://github.com/Ilham481/Tugas3_AITrack_StartupCampus_Sl.git

Selesai

2. Soal Nomer Dua

Buka GITHUB pada akun <https://github.com/yudiprtm/pytorch-mnist-sample>

The screenshot shows the GitHub repository page for `yudiprtm/pytorch-mnist-sample`. The repository is public and has 1 commit, 1 branch, and 0 tags. The commit history shows three commits: `README.md`, `pytorch-mnist.ipynb`, and `pytorch-mnist.py`, all from the first commit 6 days ago. The README file is selected, showing the title "Pytorch-MNIST Sample Notebook", the file structure, and a reference to <https://github.com/juntian/pytorch-mnist-example>. The right sidebar shows repository statistics: 0 stars, 1 watching, 7 forks, and no releases or packages published. The languages section shows 100.0% Jupyter Notebook.

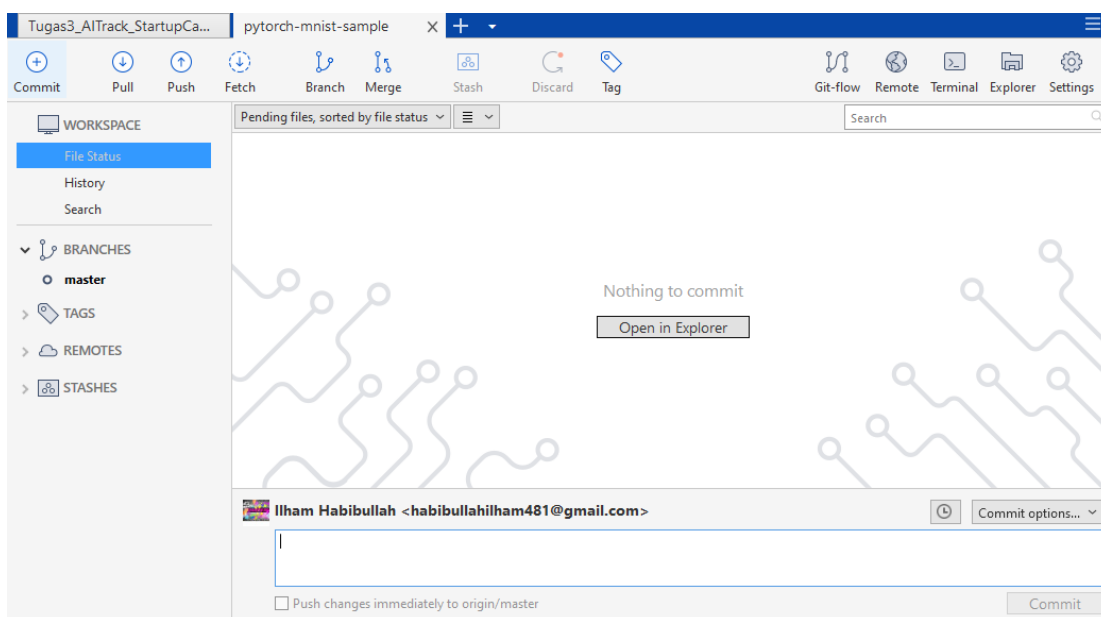
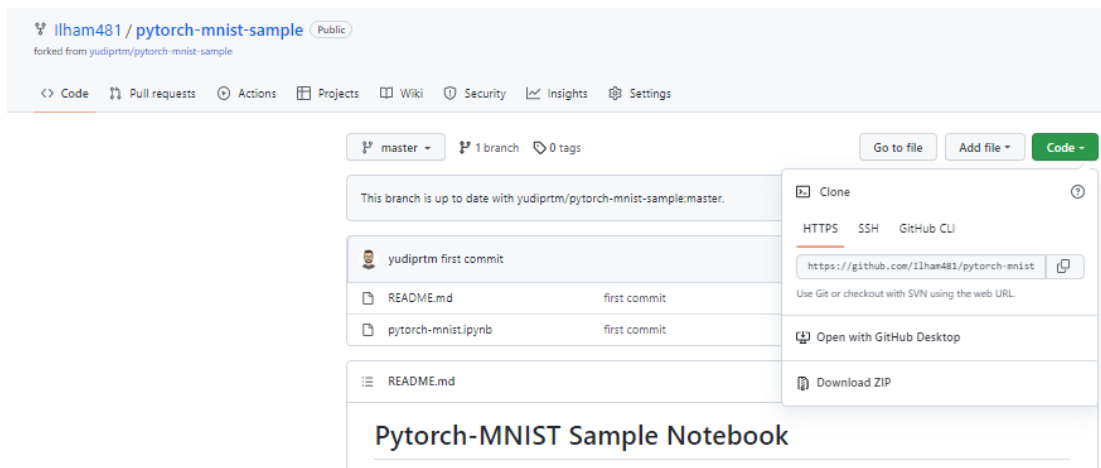
Kemudian kita melakukan FORK, Jika sudah berhasil maka tampilan akan seperti berikut

The top part of the image shows the "Create a new fork" form. The owner is `Ilham481` and the repository name is `pytorch-mnist-sample`. The description is "This is pytorch sample to train, eval, and testing CNN based model for MNIST Digit dataset". The "Copy the master branch only" checkbox is checked. A green "Create fork" button is at the bottom.

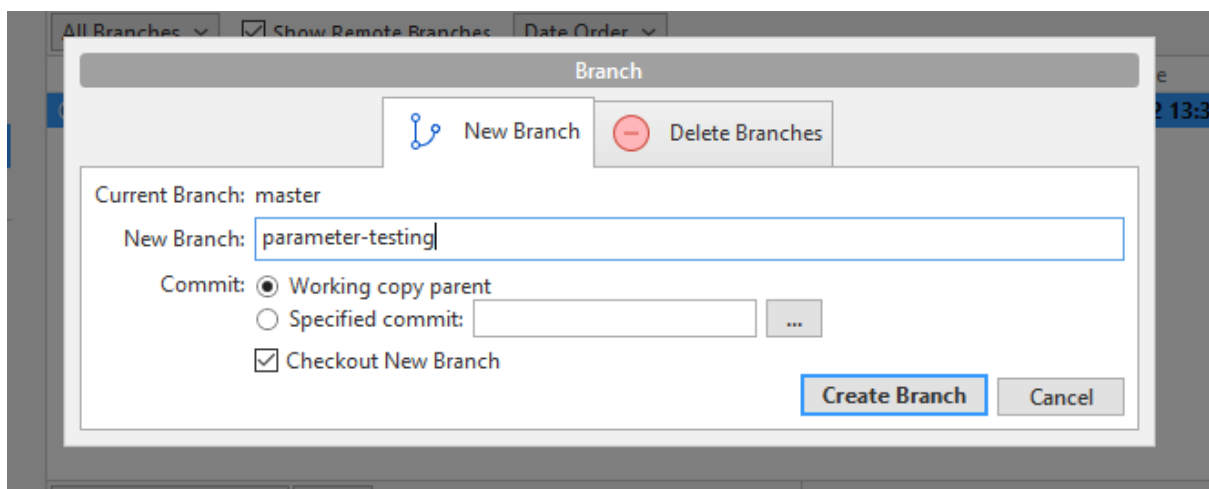
The bottom part of the image shows the "Network graph" section of the repository page. It displays a timeline of the most recent commits to this repository and its network, ordered by most recently pushed to. The graph shows a sequence of commits by `Ilham481`, `Norman1208`, `dimzzky`, `alwizzz`, and `plannnn` on September 9th, 10th, 12th, 13th, and 15th. The graph shows the relationships between these commits, with arrows indicating the flow of code changes.

The bottom part of the image shows the resulting forked repository page for `Ilham481/pytorch-mnist-sample`. The page indicates it was forked from `yudiprtm/pytorch-mnist-sample`. The repository is public and has 0 commits, 1 branch, and 0 tags. The "Code" button is highlighted in the navigation bar.

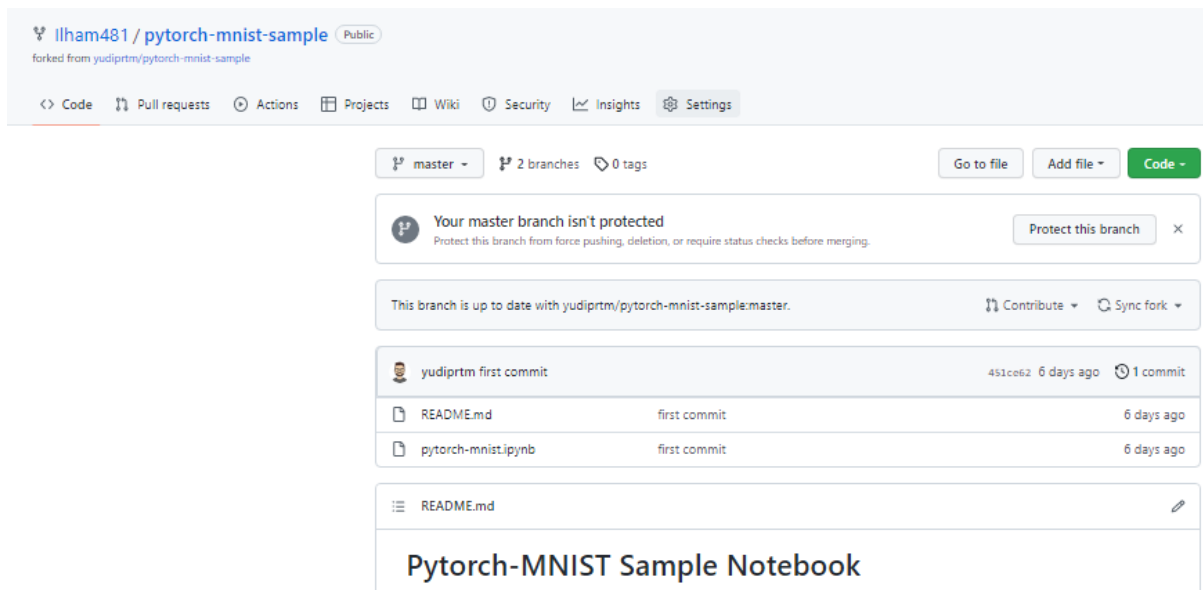
Kemudian melakukan CLONE, Jika sudah maka tampilan akan sebagai berikut



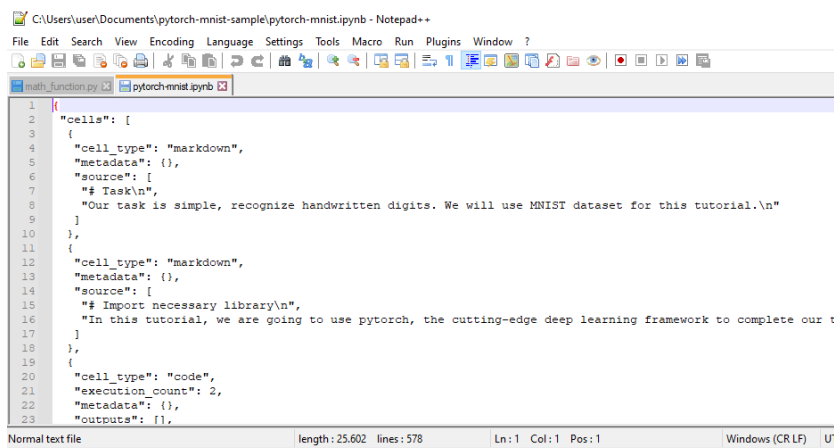
Membuat Branch baru dengan nama “ parameter-testing “



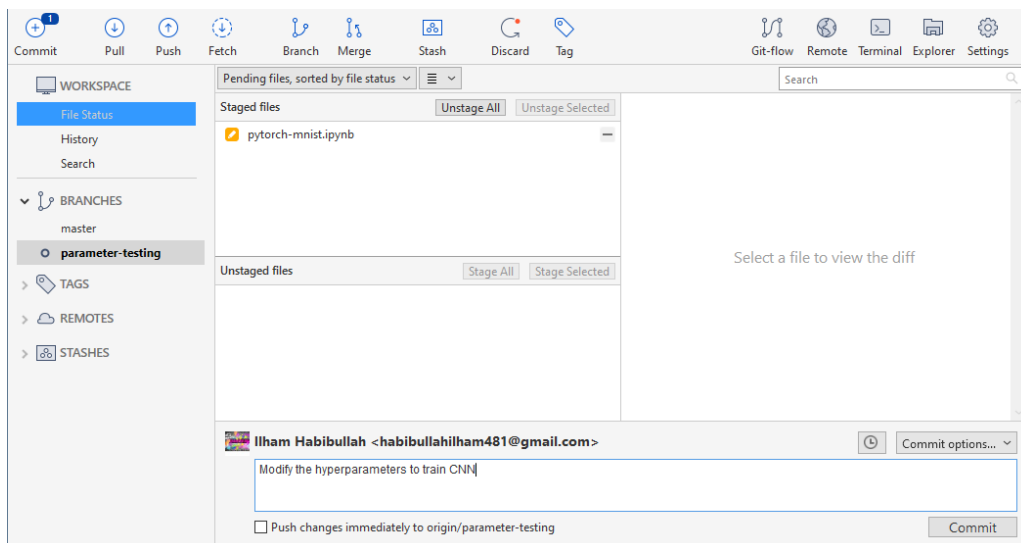
Jika sudah berhasil melakukan Branch maka hasil tampilannya sebagai berikut



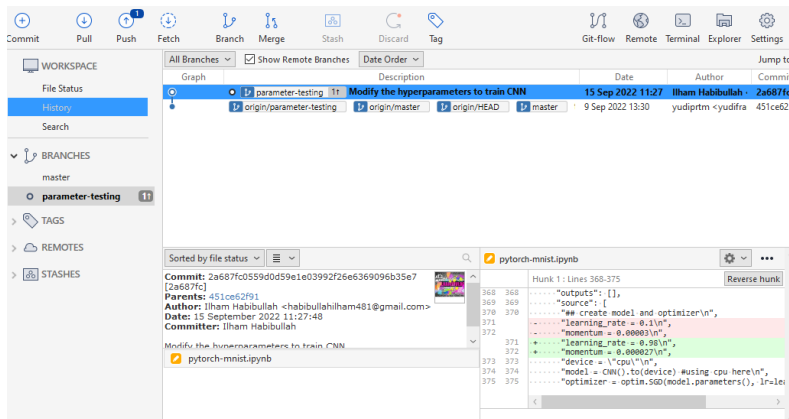
Kemudian sesuai perintah soal, Ubah nilai parameter **learning_rate** dan **momentum**



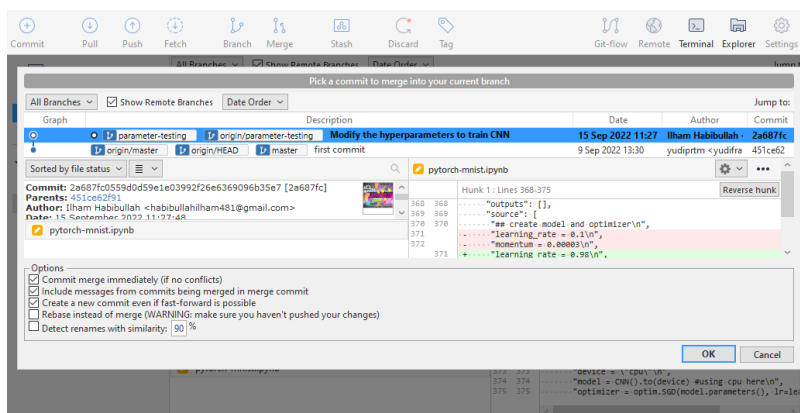
Selanjutnya add dan Commit hasil perubahan yang sudah kita lakukan pada parameter tersebut



Kemudian Kita PUSH

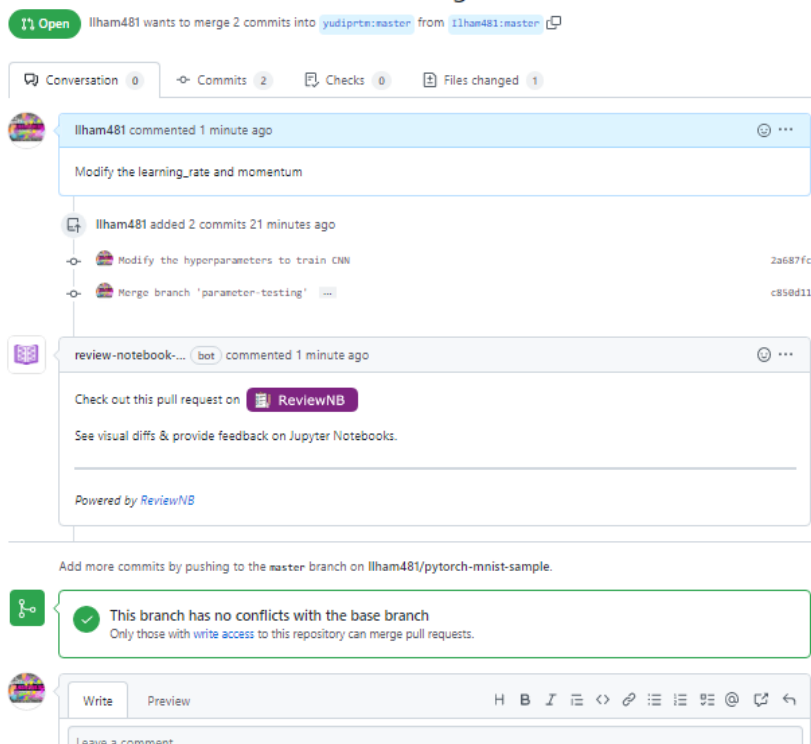


Lalu Kita buat Merge dengan ceklist 3 bagian pada options lalu klik OKE

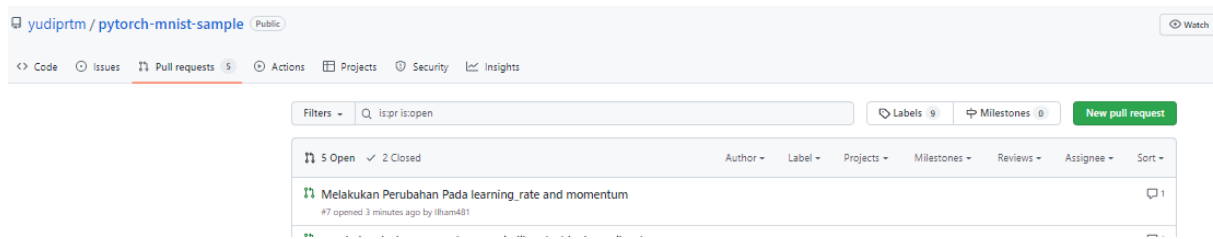


Jika sudah berhasil tampilan akan sebagai berikut pada GITHUB

Melakukan Perubahan Pada learning_rate and momentum #7



Selesai



Hasil Link Berikut : <https://github.com/Ilham481/pytorch-mnist-sample.git>

Selesai