

Nama Anggota Kelompok 5:

1. Jehian Athaya Tsani Az Zuhry (H1D022006)
2. Brian Cahya Purnama (H1D022009)
3. Dzakwan Irfan Ramdhani (H1D022043)

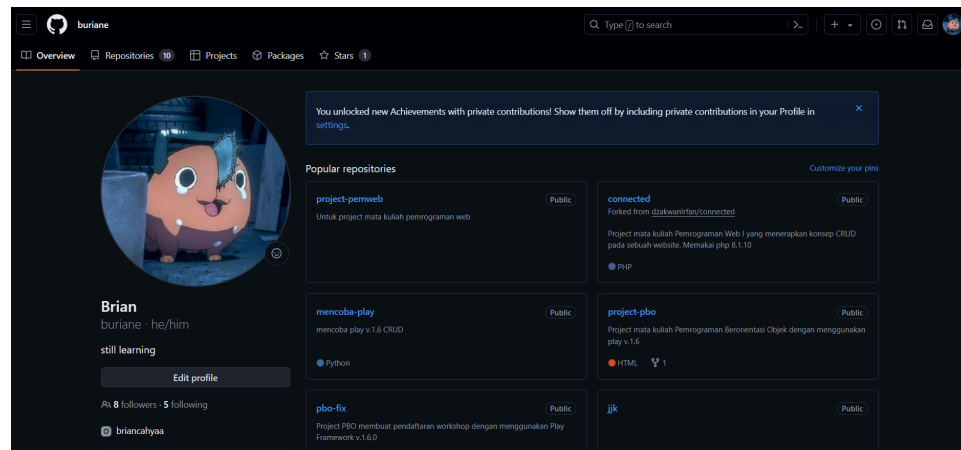
TUGAS KELOMPOK REKAYASA PERANGKAT LUNAK

Link Repo Kelompok 5:

<https://github.com/buriane/Proyek-Kelompok-5.git>

1. Membuat Akun GitHub:

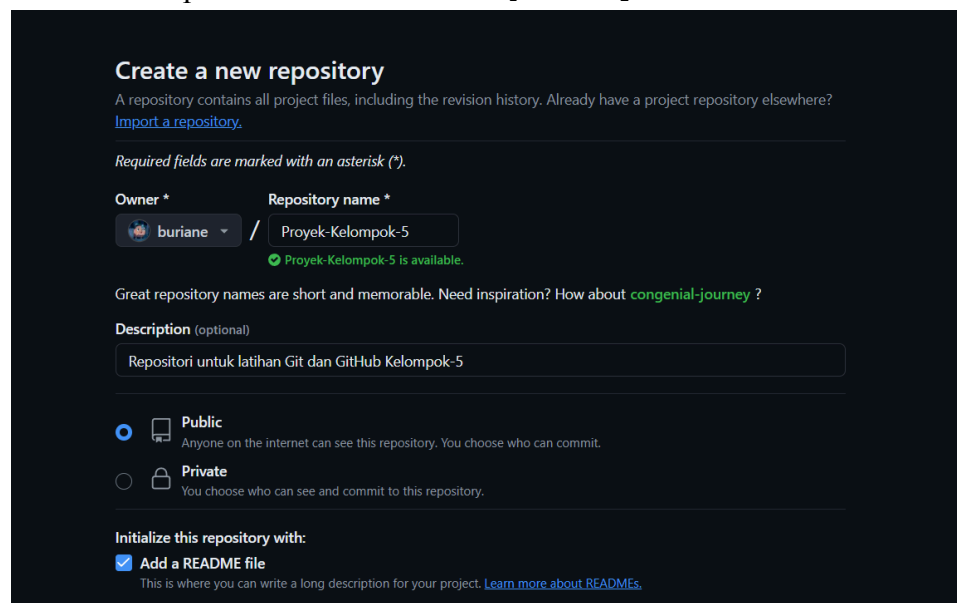
- Setiap anggota kelompok harus membuat akun GitHub jika belum memilikinya. Kunjungi GitHub dan ikuti langkah-langkah pendaftaran.



Sudah mempunyai akun GitHub.

2. Membuat Repositori:

- Salah satu anggota kelompok membuat repositori baru di GitHub.
 - Nama repositori: Proyek-Kelompok-[NomorKelompok]
 - Deskripsi: Repositori untuk latihan Git dan GitHub Kelompok-[NomorKelompok]
 - Pilih opsi Initialize this repository with a README.



Add .gitignore

.gitignore template: **None** ▾

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

Choose a license

License: **None** ▾

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

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

③ You are creating a public repository in your personal account.

Create repository

Klik Create repository maka akan terbuat reponya.







3. Mengundang Anggota Kelompok:

- Pemilik repositori mengundang anggota kelompok lain sebagai kolaborator.
- Caranya: Buka repositori -> Settings -> Collaborators -> Invite a collaborator.

Manage access **Add people**

☐ Select all Type ▾

Find a collaborator...

<input type="checkbox"/>	 Dzakwan Irfan Awaiting dzakwanIrfan's response	Pending Invite 	
<input type="checkbox"/>	 Jehian Awaiting sendOmoka's response	Pending Invite 	

< Previous Next >

Sudah mengundang, tinggal menunggu mereka accept invitation.

4. Clone Repositori:

- Setiap anggota kelompok meng-clone repositori ke komputer lokal.

`git clone`

`https://github.com/[username]/Proyek-Kelompok-[NomorKelompok].git`

```
brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www
$ git clone https://github.com/buriane/Proyek-Kelompok-5.git
Cloning into 'Proyek-Kelompok-5'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 9 (delta 0), reused 6 (delta 0), pack-reused 0
Receiving objects: 100% (9/9), done.

brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www
$ cd Proyek-Kelompok-5

brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www/Proyek-Kelompok-5 (main)
$
```

Melakukan clone repository.

5. Membuat dan Mengelola Branch:

- Buat branch baru untuk setiap anggota, dengan nama branch sesuai nama masing-masing.

```
git checkout -b [nama-branch]
```

```
brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www/Proyek-Kelompok-5 (main)
$ git checkout -b brian
Switched to a new branch 'brian'
```

Membuat branch dengan nama brian.

- Setiap anggota membuat perubahan pada branch masing-masing. Contoh: menambahkan file `nim-mahasiswa.php` dan menuliskan sembarang kode php.

```
brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www/Proyek-Kelompok-5 (brian)
$ cat > H1D022009-Brian.php
<?= "kode php sembarang" ?>
```

.git	28/05/2024 18:50	File folder	
README.md	28/05/2024 18:47	Markdown Source ...	1 KB
H1D022009-Brian.php	28/05/2024 18:54	PHP Source File	1 KB

Menambahkan file H1D022009-Brian.php dan menuliskan kode php sembarang.

6. Commit dan Push Perubahan:

- Setelah membuat perubahan, lakukan commit dan push ke GitHub.

```
git add .
```

```
git commit -m "Menambahkan file nim-mahasiswa.php"
```

```
git push origin [nama-branch]
```

```
brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www/Proyek-Kelompok-5 (brian)
$ git add .
warning: in the working copy of 'H1D022009-Brian.php', LF will be replaced by CR
LF the next time Git touches it

brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www/Proyek-Kelompok-5 (brian)
$ git commit -m "Menambahkan file H1D022009-Brian.php"
[brian fcd9fd] Menambahkan file H1D022009-Brian.php
1 file changed, 1 insertion(+)
create mode 100644 H1D022009-Brian.php

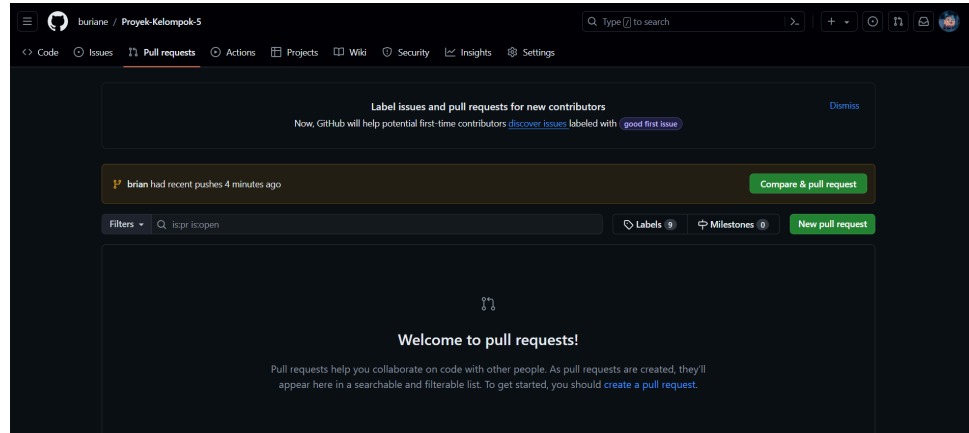
brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www/Proyek-Kelompok-5 (brian)
$ git push origin brian
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 339 bytes | 339.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'brian' on GitHub by visiting:
remote:   https://github.com/buriane/Proyek-Kelompok-5/pull/new/brian
remote:
To https://github.com/buriane/Proyek-Kelompok-5.git
 * [new branch]      brian -> brian

brian@LAPTOP-ABJ15M50 MINGW64 /d/laragon/www/Proyek-Kelompok-5 (brian)
$
```

Melakukan commit dan push perubahan.

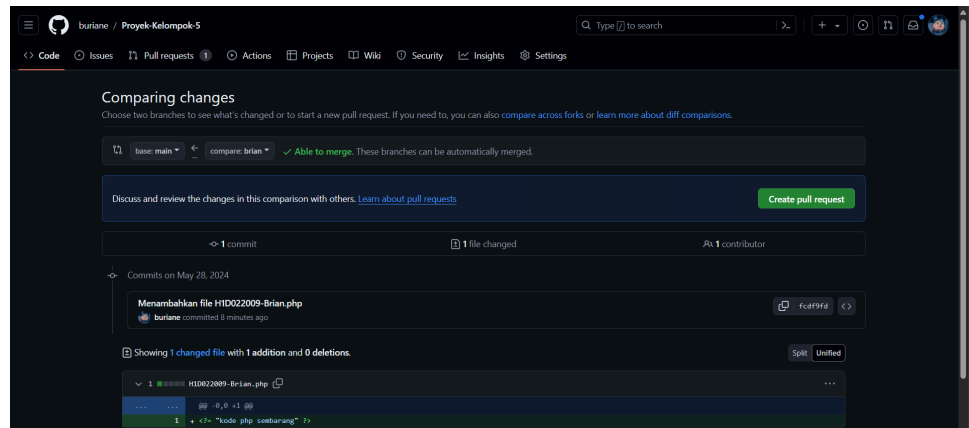
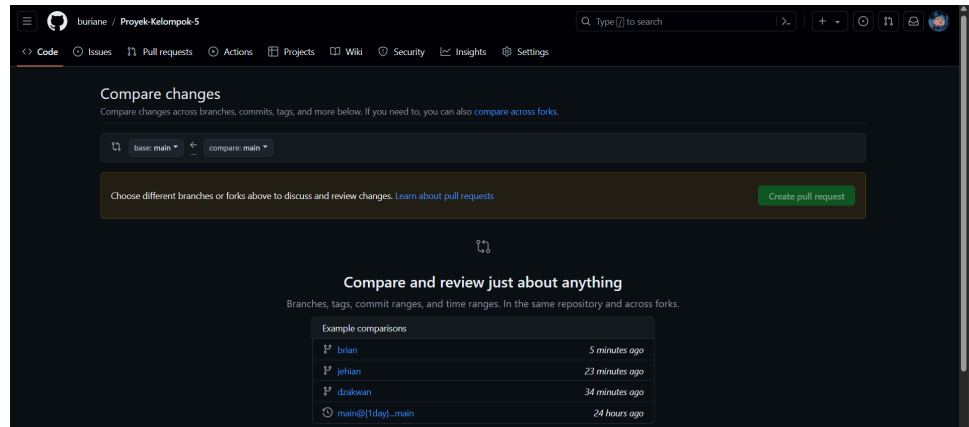
7. Pull Request:

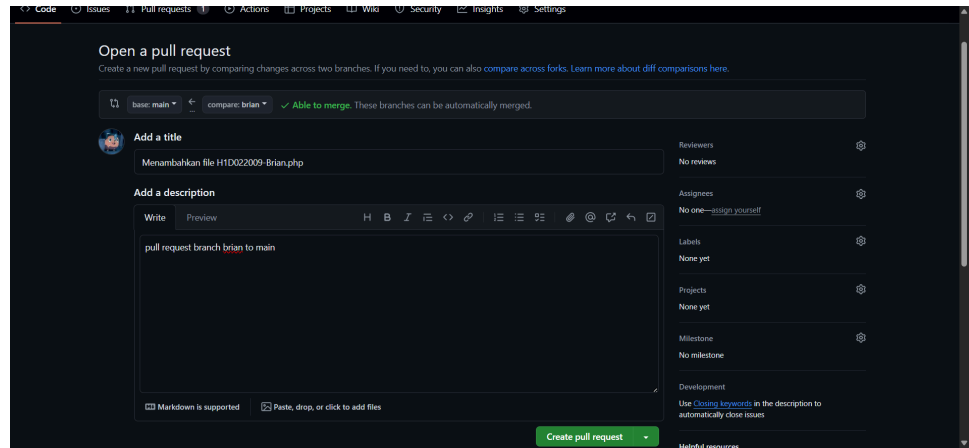
- Setiap anggota membuat pull request untuk menggabungkan branch mereka ke branch `main`.
- Buka GitHub -> Repositori -> Pull requests -> New pull request.



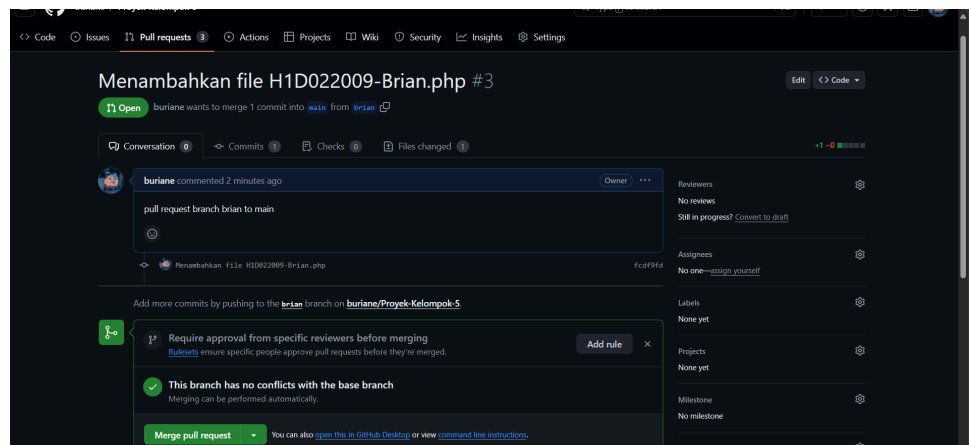
Klik New pull request.

- Pilih branch yang akan digabungkan dan buat pull request.

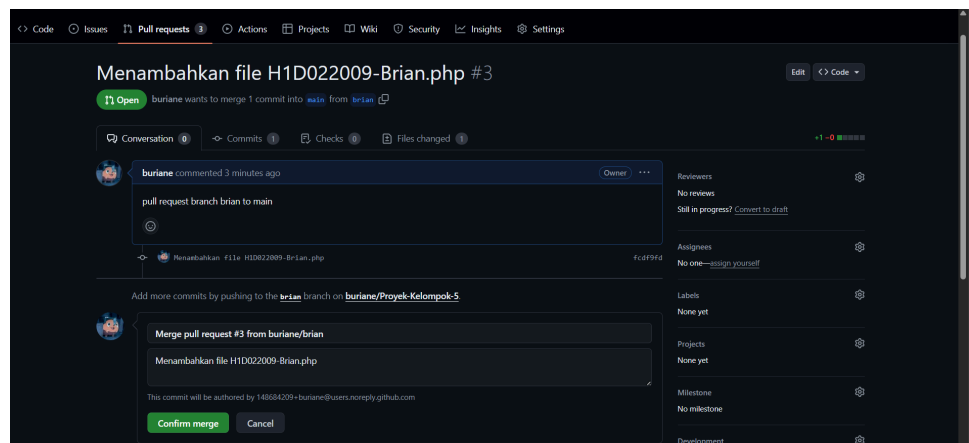




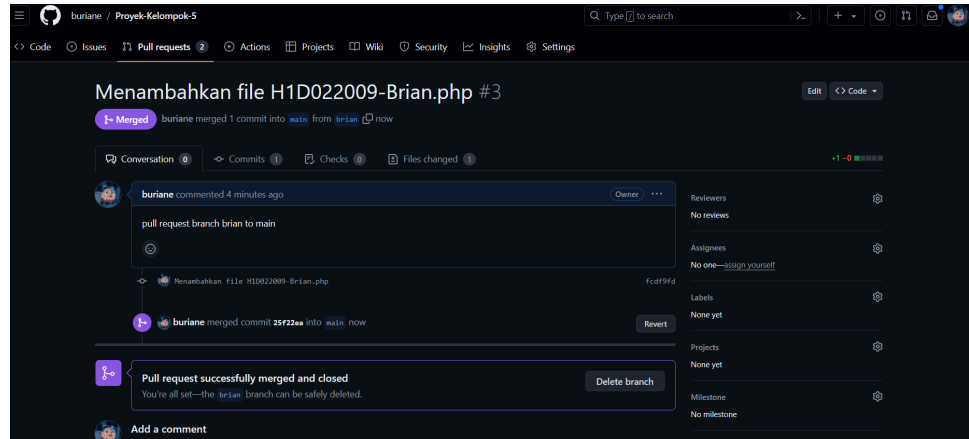
Klik Create pull request.



Klik Merge pull request.

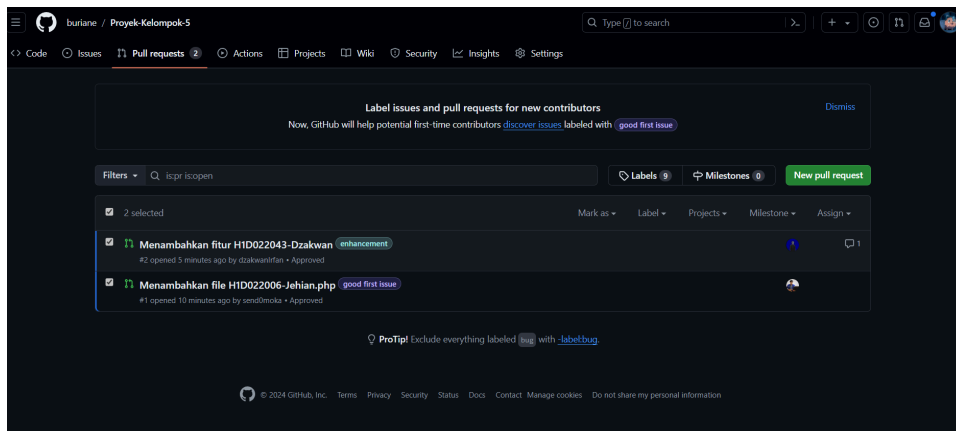


Klik Confirm merge.

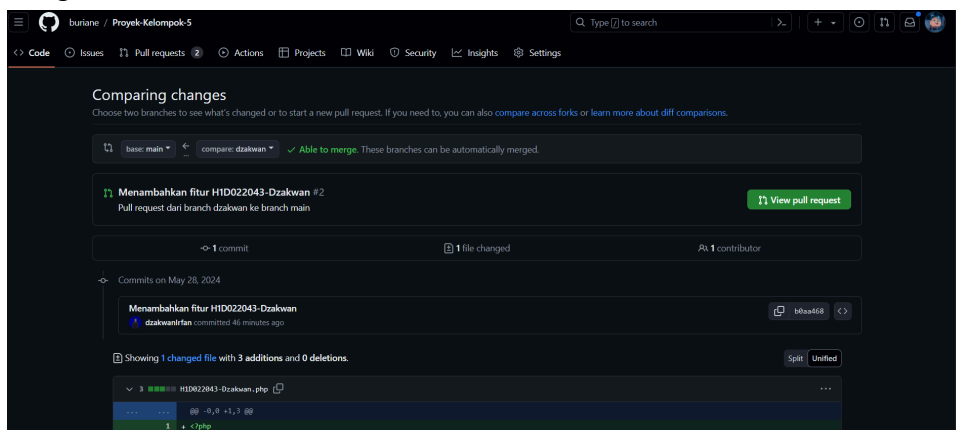


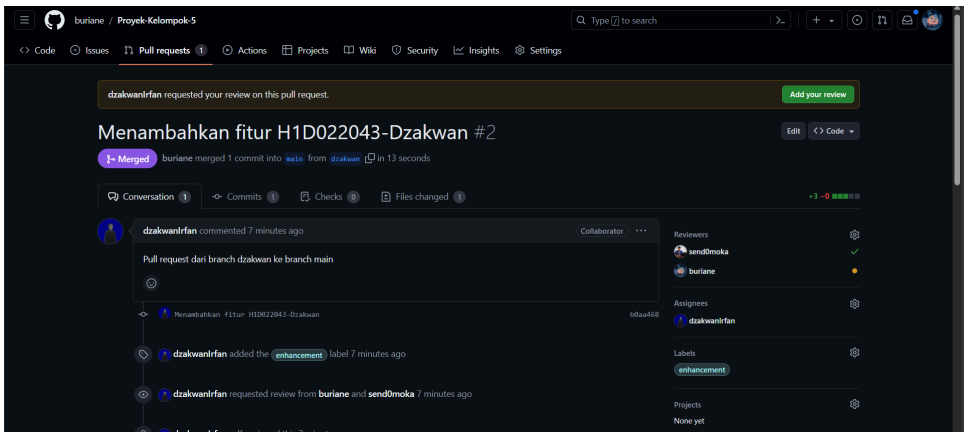
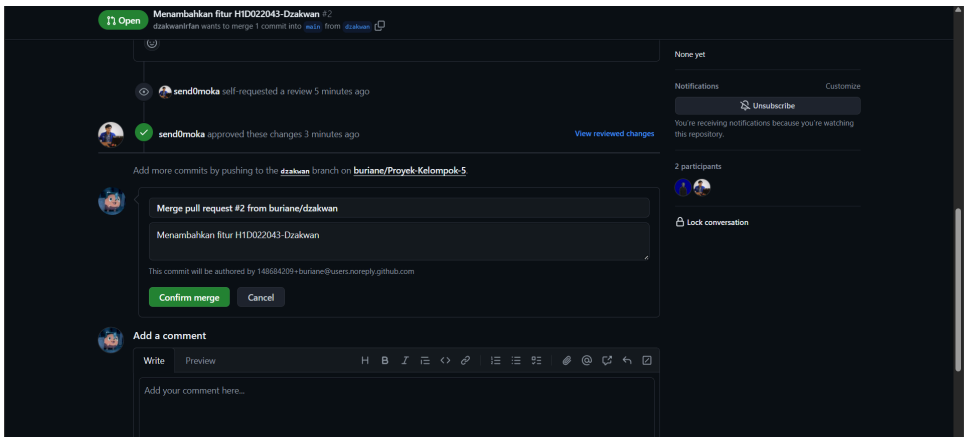
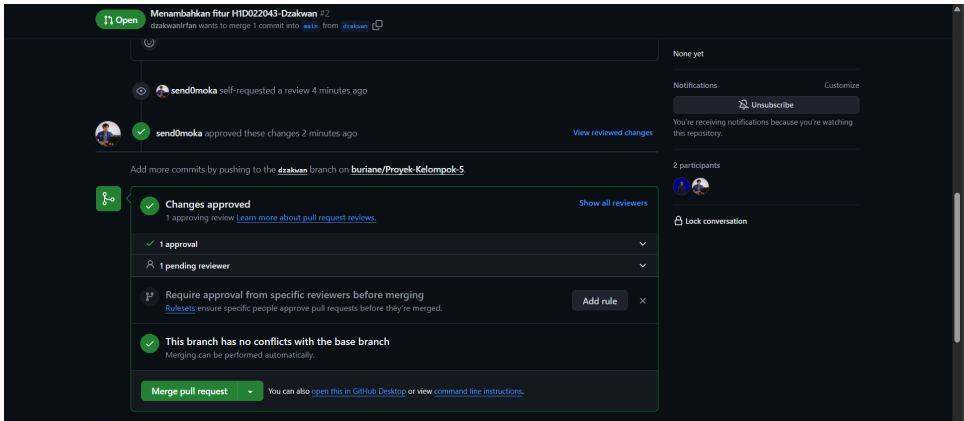
8. Merge Branch ke dalam branch main/master

Ketua Kelompok melakukan proses merge ke branch main/master



Merge branch Dzakwan to main:





Merge branch Jehian to main:

The screenshot shows the 'Comparing changes' view for pull request #1, titled 'Menambahkan file H1D022006-Jehian.php #1'. The interface indicates that the pull request is 'Able to merge' because the branches can be automatically merged. It shows 1 commit, 1 file changed, and 1 contributor. The commit history for May 28, 2024, shows a commit by 'sendmoka' titled 'Menambahkan file H1D022006-Jehian.php'. The diff view shows 1 changed file with 1 addition and 0 deletions.

This screenshot shows the review section of the pull request. It indicates that 'dzakwanirfan' approved the changes 7 minutes ago. The status is 'Changes approved' with 1 approving review and 1 pending reviewer. A rule is set to 'Require approval from specific reviewers before merging'. The branch has no conflicts with the base branch. A green 'Merge pull request' button is visible. The right sidebar shows the milestone, development status, notifications, and participants.

This screenshot shows the 'Confirm merge' screen for the pull request. It displays the merge request details, including the commit message 'Menambahkan file H1D022006-Jehian.php' and the commit hash '146684209'. The 'Confirm merge' button is highlighted in green. The right sidebar shows the milestone, development status, notifications, and participants.

The top screenshot displays a GitHub pull request interface. At the top, a notification states "send0moka requested your review on this pull request." The pull request title is "Menambahkan file H1D022006-Jehian.php #1" and it is marked as "Merged". The description indicates "buriiane merged 1 commit into `main` from `jehian` 15 minutes ago". The conversation tab is active, showing a comment from "send0moka" stating "Izin melakukan pull request dari branch jehian ke branch main". Below the comment, a commit history shows "Menambahkan file H1D022006-Jehian.php" by "a59ab73". The right sidebar shows the "Reviewers" section with "dzakwanrifan" and "buriiane", and the "Assignees" section with "send0moka". The "Labels" section shows "good first issue".

The bottom screenshot shows the repository overview for "Proyek-Kelompok-5". The repository is public and has 4 branches and 0 tags. The "main" branch is selected. The "Merge pull request #1 from buriiane/jehian" button is visible. Below this, a list of recent commits is shown:

Commit	Author	Message	Time
H1D022006-Jehian.php	send0moka	Menambahkan file H1D022006-Jehian.php	41 minutes ago
H1D022009-Brian.php	send0moka	Menambahkan file H1D022009-Brian.php	23 minutes ago
H1D022043-Dzakwan.php	send0moka	Menambahkan fitur H1D022043-Dzakwan	52 minutes ago
README.md	send0moka	Initial commit	1 hour ago

The right sidebar shows the "About" section with the repository description "Repository untuk latihan Git dan GitHub Kelompok-5". It also includes links for "Readme", "Activity", "Stars", "Watching", and "Forks". The "Releases" and "Packages" sections are also visible, both indicating no published items.

Done all merged.