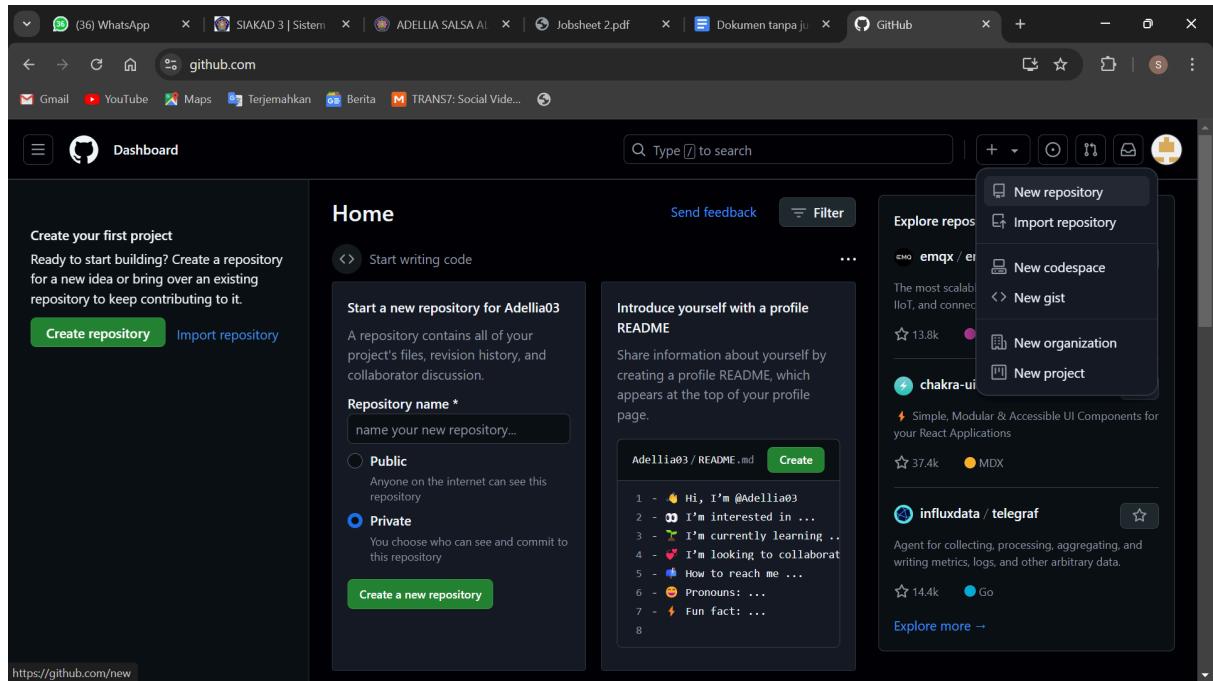


Nama: Adellia Salsa Al Barra

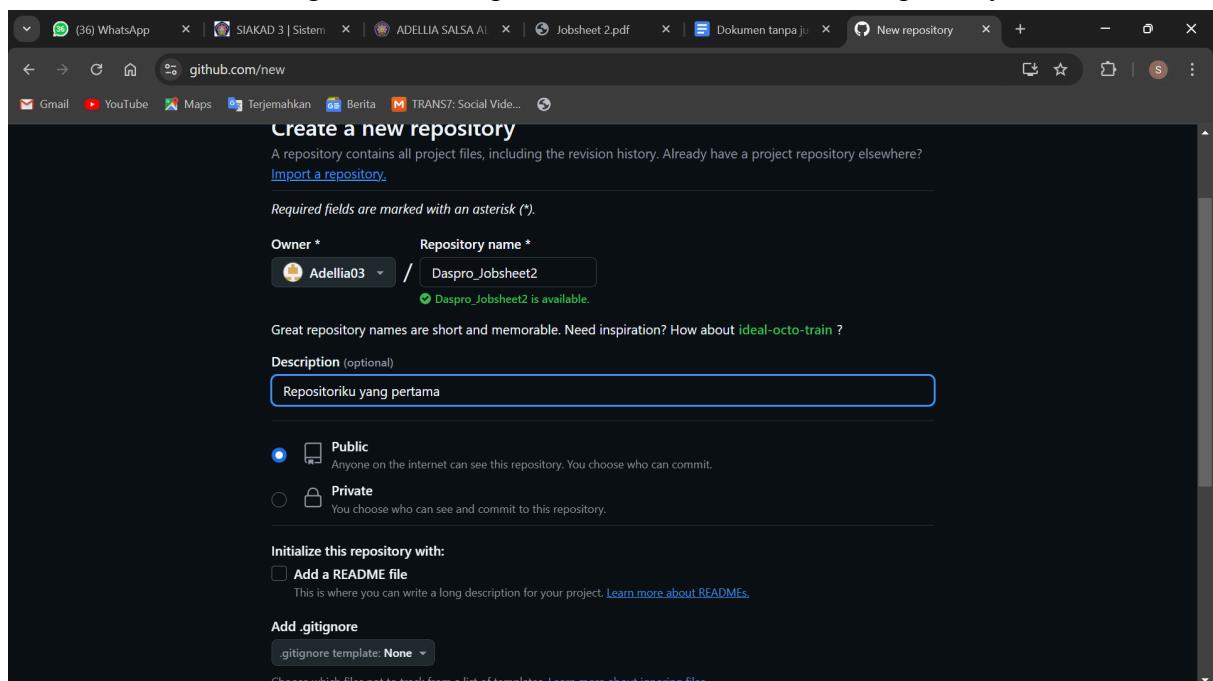
Nim:

PERCOBAAN 1: Menggunakan Github

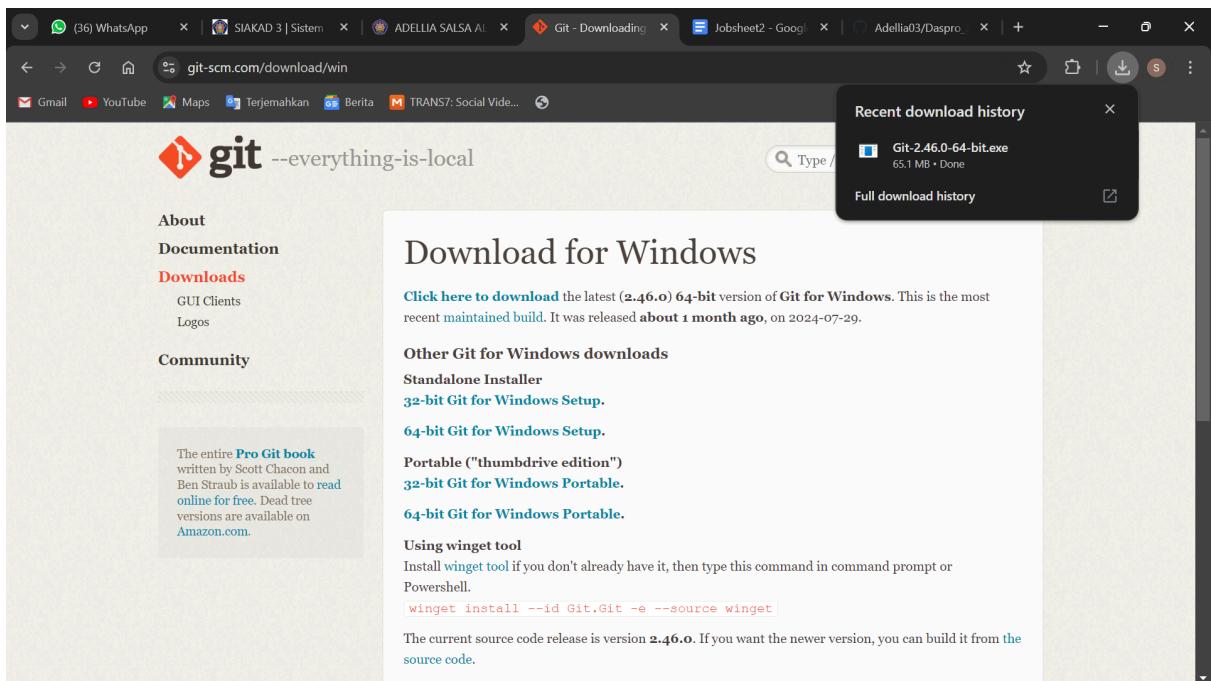
1. Buka situs web lalu membuat akun



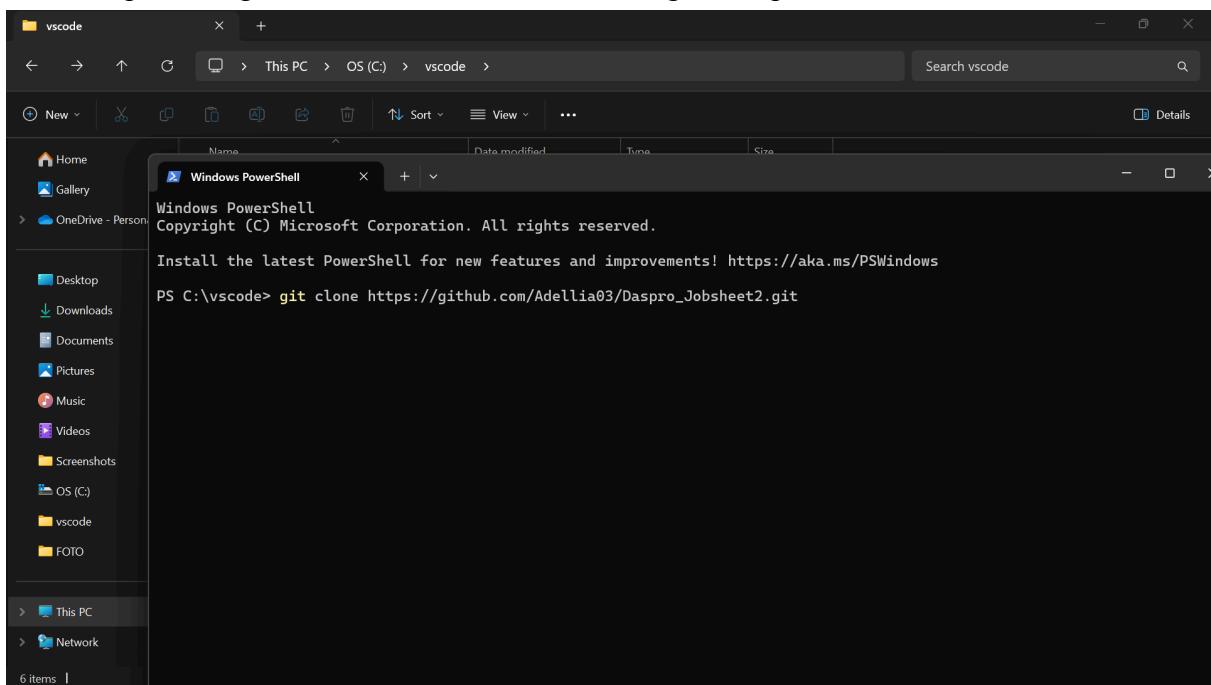
2. Setelah masuk ke akun github, buat repositori baru lalu klik "create repository"

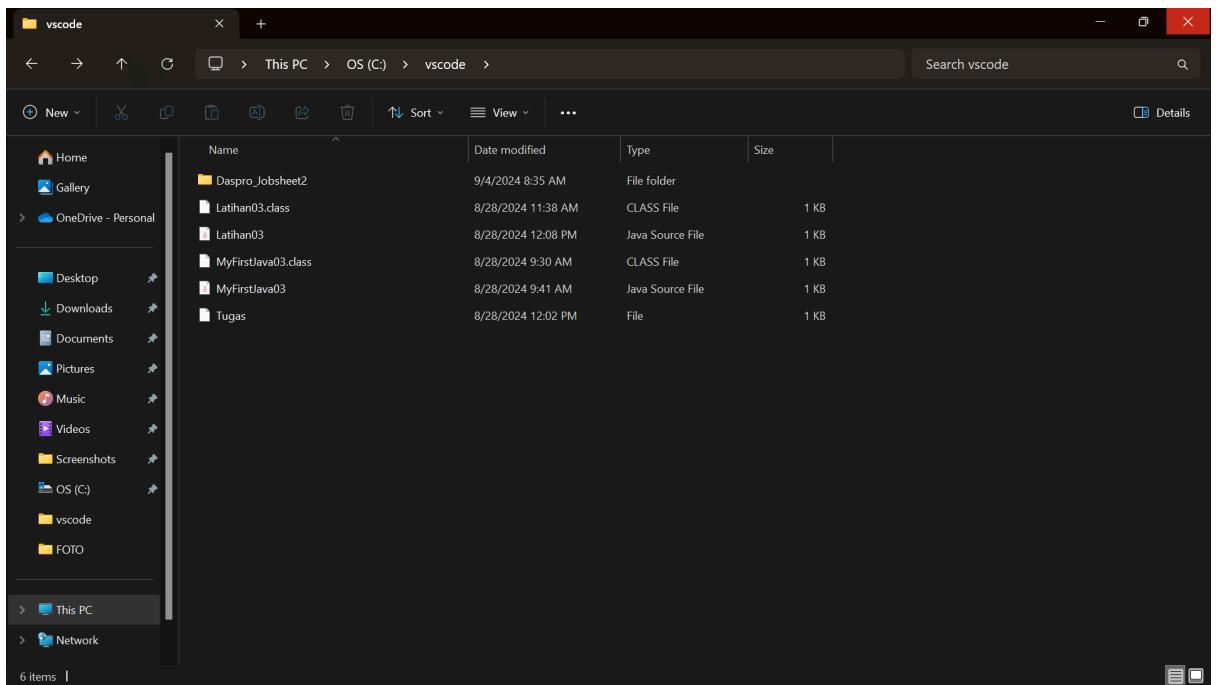


3. Instal git client

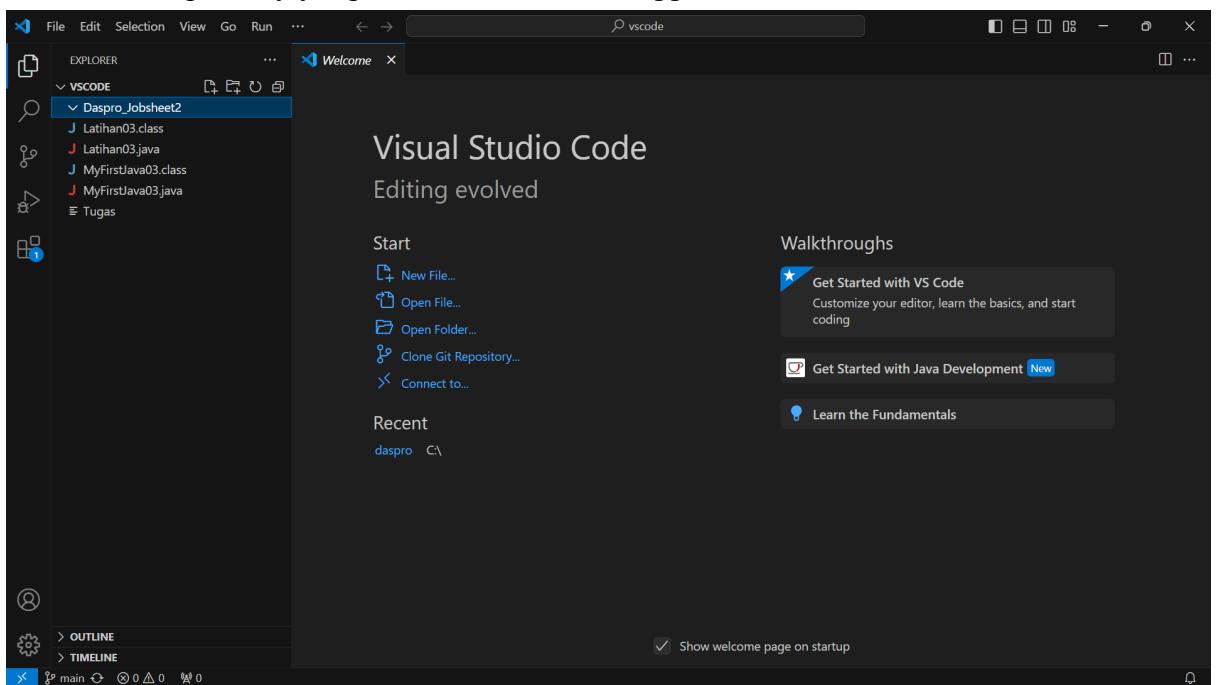


4. Gunakan perintah git clone dari terminal untuk mengklon repositori

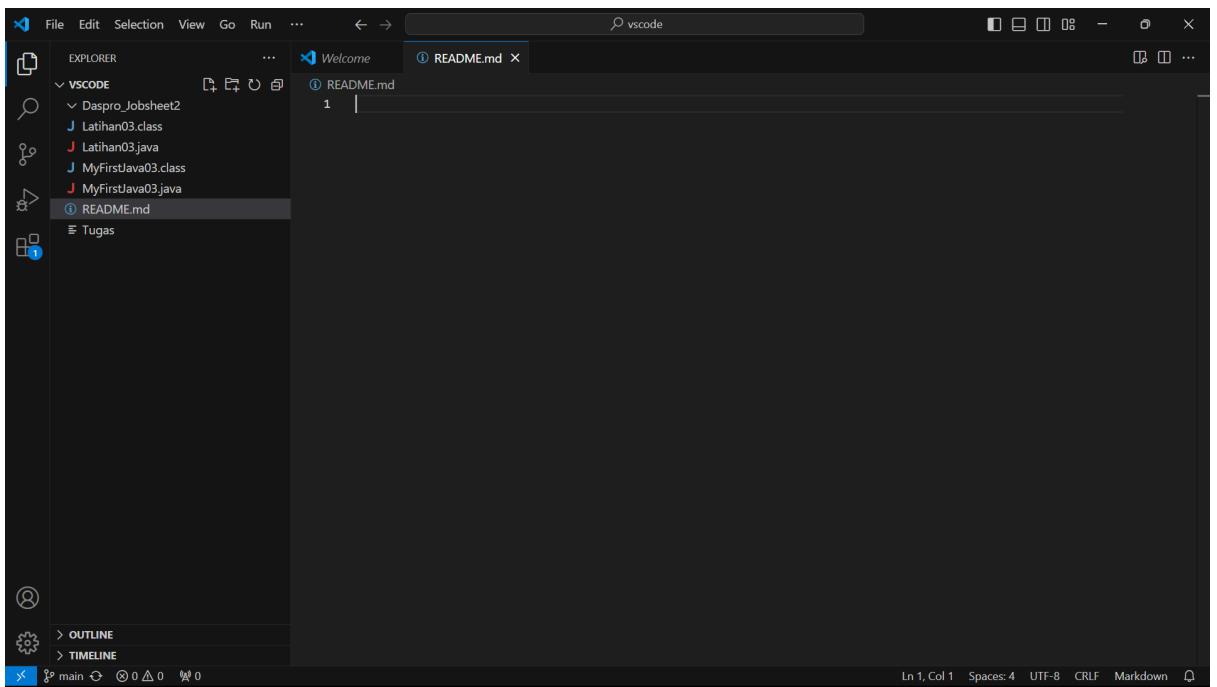




5. Buka folder repository yang sudah dibuat tadi menggunakan visual studio code



6. Tambahkan file dengan klik kanan-New File, lalu berikan nama README.md



7. Isi file tersebut seperti berikut

```
# Dasar Pemrograman - Jobsheet 2
Hello Github, ini adalah repository pertama saya.
```

8. Lalu buat terminal baru dan commit

The screenshot shows the Visual Studio Code interface. On the left is the Explorer sidebar with a folder named 'DASPRO_JOBSCHEET2' containing a file 'README.md'. The main area displays the contents of 'README.md':

```
1 # Dasar Pemrograman - Jobsheet 2
2
3 Hello Github, ini adalah repository pertama saya.
```

Below the editor is a terminal window showing the following command history:

```
PS C:\vscode\Daspro_Jobscsheet2> git add .
PS C:\vscode\Daspro_Jobscsheet2> git commit -m "commit pertama saya lho"
Author identity unknown

*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
git config --global user.name "Your Name"
```

At the bottom right of the terminal, it says 'Ln 3, Col 50 Spaces: 4 UTF-8 CRLF Markdown'.

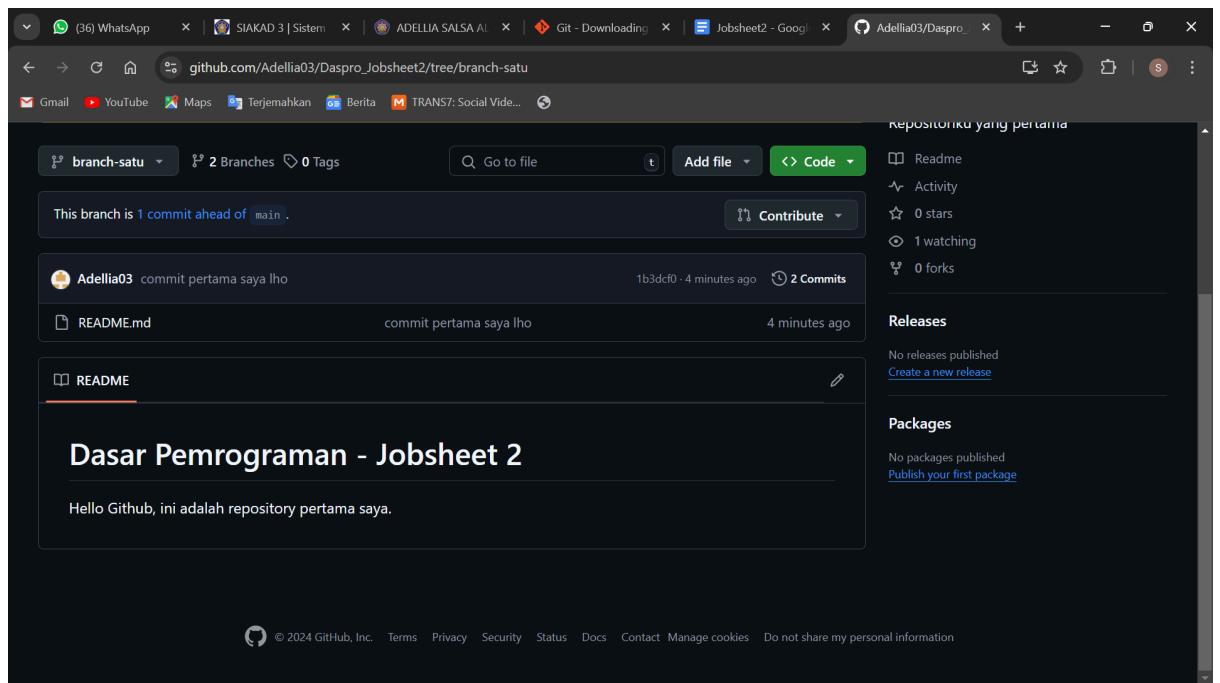
9. Untuk memperbarui repository di GitHub dengan perubahan yang dilakukan secara lokal, gunakan perintah git push

The screenshot shows the Visual Studio Code interface with the same setup as the previous one. The terminal window now displays the output of the 'git push' command:

```
PS C:\vscode\Daspro_Jobscsheet2> git push origin branch-satu
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 326 bytes | 163.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Adellia03/Daspro_Jobscsheet2.git
    1967f22..1b3dcf0 branch-satu -> branch-satu
PS C:\vscode\Daspro_Jobscsheet2>
```

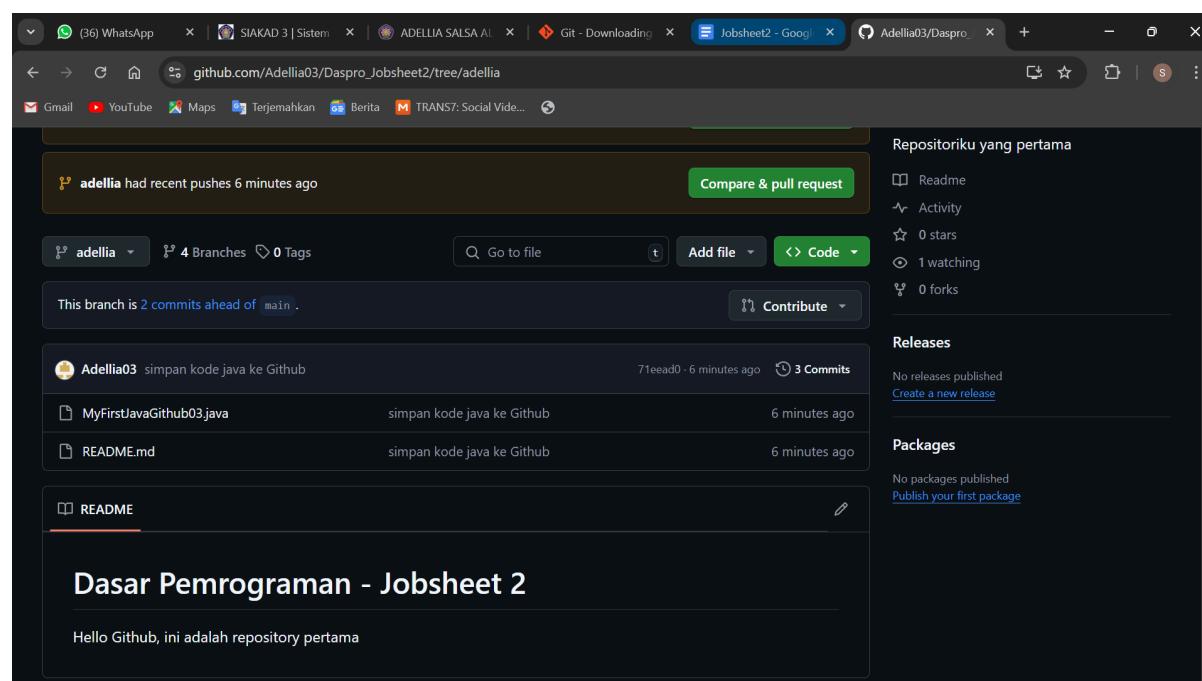
At the bottom right of the terminal, it says 'Ln 3, Col 50 Spaces: 4 UTF-8 CRLF Markdown'.

10. Cek halaman Github



Pertanyaan

1. Perintah git commit digunakan untuk menyimpan basis kode perubahan ke riwayat proyek
Perintah git push digunakan untuk menaikkan/mentransfer basis kode tadi yang sudah disimpan ke repositori
2. Bisa



PERCOBAAN 2: Dasar Kolaborasi di Github

1. Membuat branch terlebih dahulu untuk mengisolasi perubahan dari cabang utama

The screenshot shows the VS Code interface with the following details:

- Explorer:** Shows a folder named "DASPRO_JOBSCHEET2" containing "README.md".
- Editor:** Displays the "README.md" file with the following content:

```
1 # Dasar Pemrograman - Jobsheet 2
2
3 Hello Github, ini adalah repository pertama
```
- Terminal:** Shows a PowerShell session with the following history:

```
PS C:\vscode\Daspro_Jobscsheet2> git branch adellia
PS C:\vscode\Daspro_Jobscsheet2> git checkout adellia
Switched to branch 'adellia'
PS C:\vscode\Daspro_Jobscsheet2>
```
- Status Bar:** Shows "Ln 3, Col 44" and "Spaces: 4" and "UTF-8" and "CRLF".

2. Buat file baru

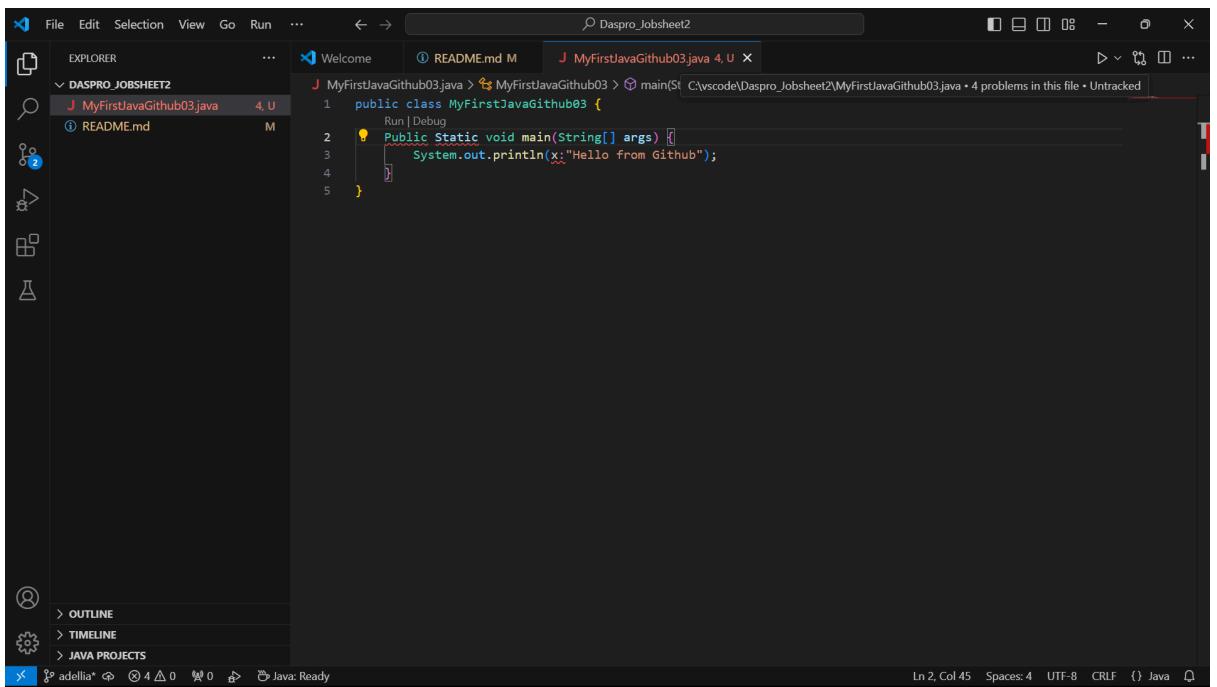
The screenshot shows the VS Code interface with the following details:

- Explorer:** Shows a folder named "DASPRO_JOBSCHEET2" containing "MyFirstJavaGithub03.java" and "README.md".
- Editor:** Displays the "MyFirstJavaGithub03.java" file with the following content:

```
1
```
- Terminal:** Shows a PowerShell session with the following history:

```
PS C:\vscode\Daspro_Jobscsheet2> git branch adellia
PS C:\vscode\Daspro_Jobscsheet2> git checkout adellia
Switched to branch 'adellia'
PS C:\vscode\Daspro_Jobscsheet2>
```
- Status Bar:** Shows "Ln 1, Col 1" and "Spaces: 4" and "UTF-8" and "CRLF" and "Java: Ready".

3. Masukkan kode program seperti berikut

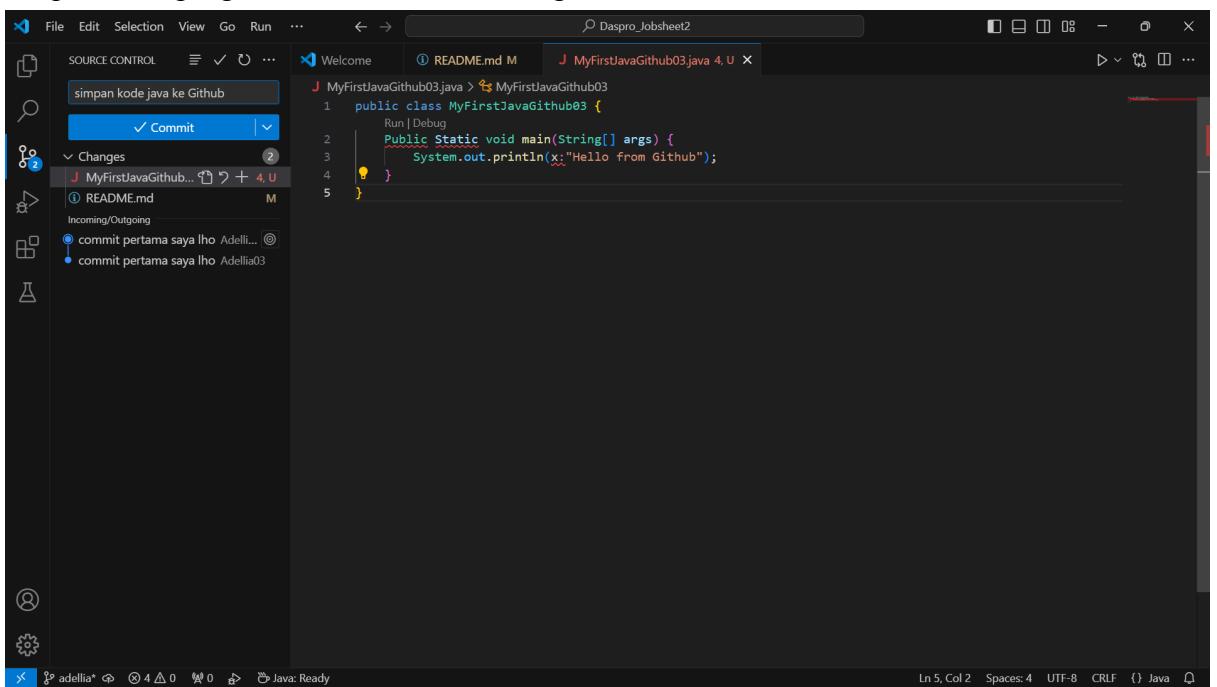


The screenshot shows the VS Code interface with a dark theme. The Explorer sidebar on the left lists files in the 'DASPRO_JOBSCHEET2' folder: 'MyFirstJavaGithub03.java' (4, U) and 'README.md'. The 'MyFirstJavaGithub03.java' file is open in the central editor, displaying the following Java code:

```
public class MyFirstJavaGithub03 {
    Public Static void main(String[] args) {
        System.out.println(x;"Hello from Github");
    }
}
```

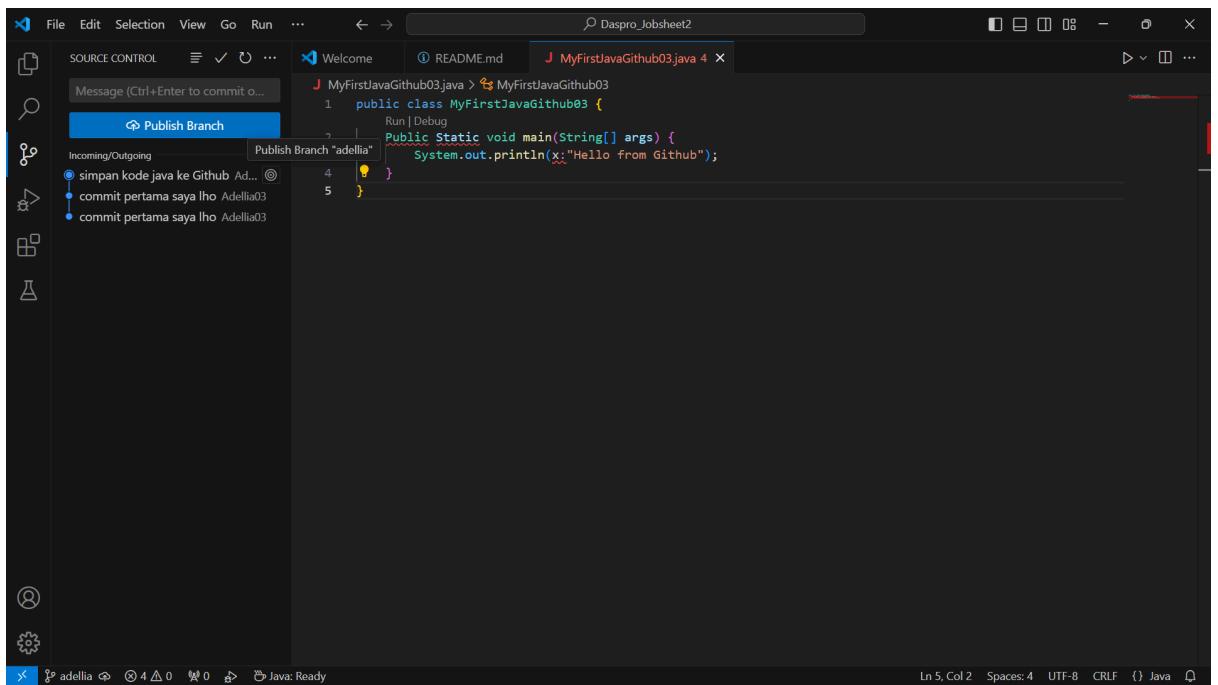
The status bar at the bottom indicates 'Ln 2, Col 45' and other file details.

4. Simpan kode program tersebut di local dengan cara commit



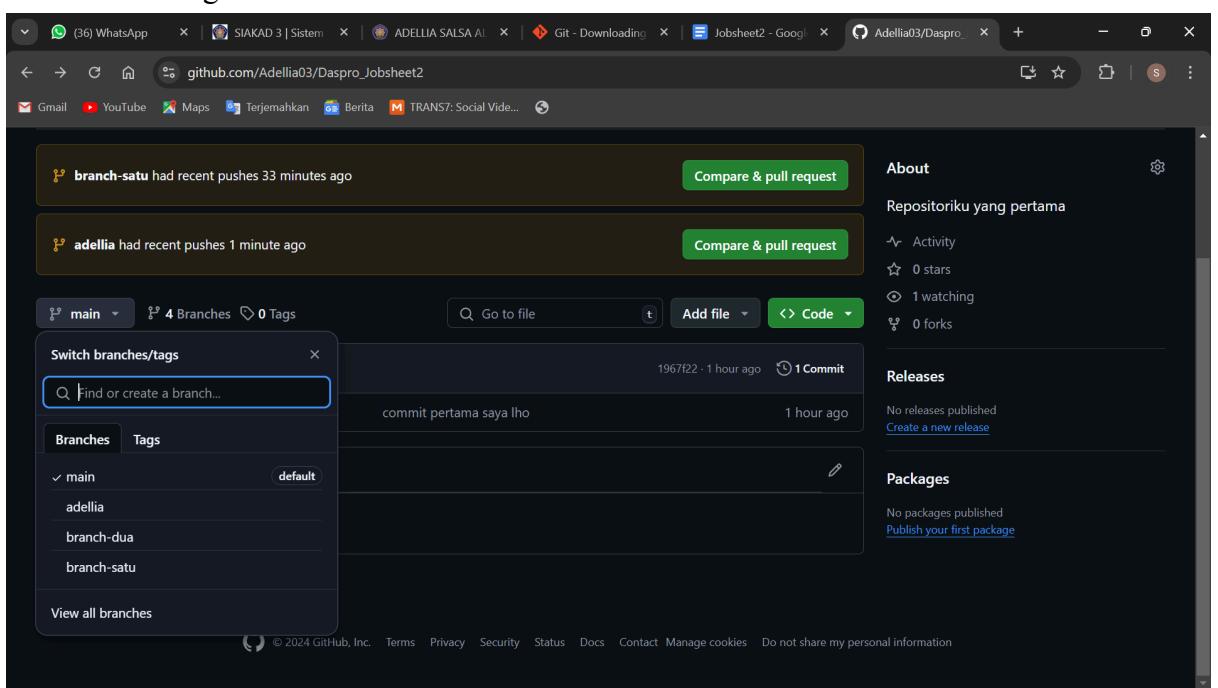
The screenshot shows the VS Code interface with a dark theme. The Source Control panel on the left has a message box with the text 'simpan kode java ke Github' and a 'Commit' button. Below it, the 'Changes' section shows a single file 'MyFirstJavaGithub03.java' with status '4, U'. The 'MyFirstJavaGithub03.java' file is open in the central editor, displaying the same Java code as before. The status bar at the bottom indicates 'Ln 5, Col 2' and other file details.

5. lalu push ke Github



```
public class MyFirstJavaGithub03 {
    Public Static void main(String[] args) {
        System.out.println(x:"Hello from Github");
    }
}
```

6. Cek dihalaman github dan akan muncul nama branch tadi



branch-satu had recent pushes 33 minutes ago

adellia had recent pushes 1 minute ago

main 4 Branches 0 Tags

Switch branches/tags

Find or create a branch...

Branches Tags

main adellia branch-dua branch-satu

View all branches

About

Repositoriku yang pertama

Activity

0 stars

1 watching

0 forks

Releases

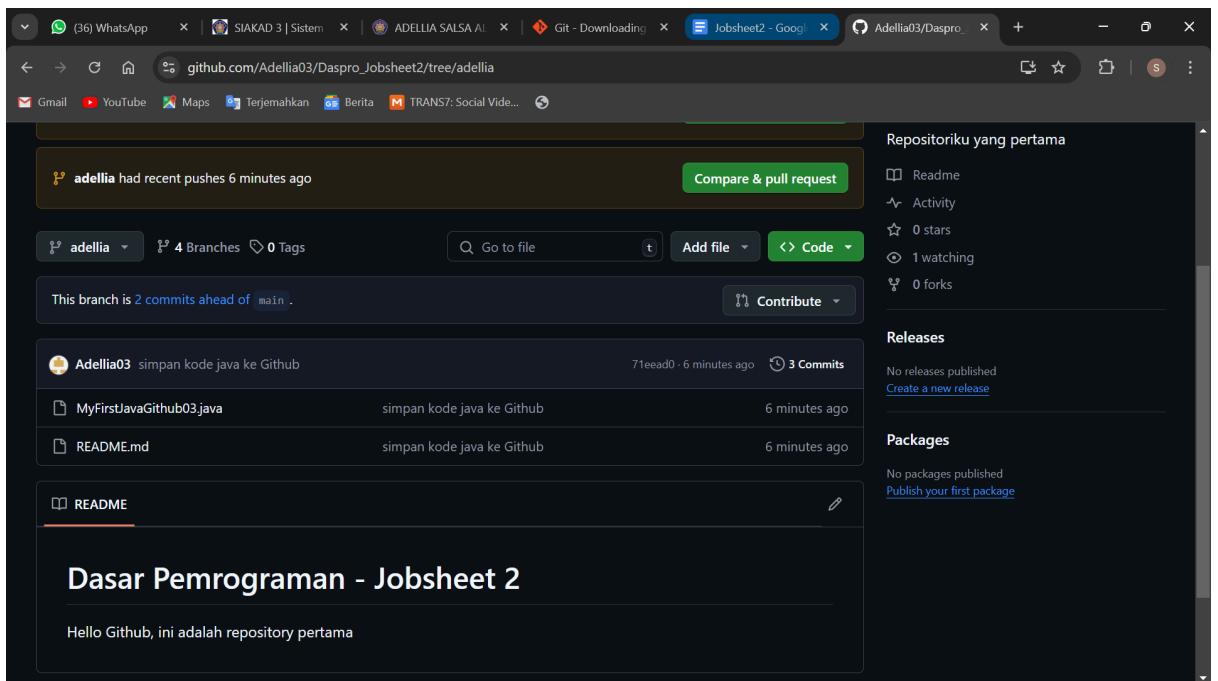
No releases published

Create a new release

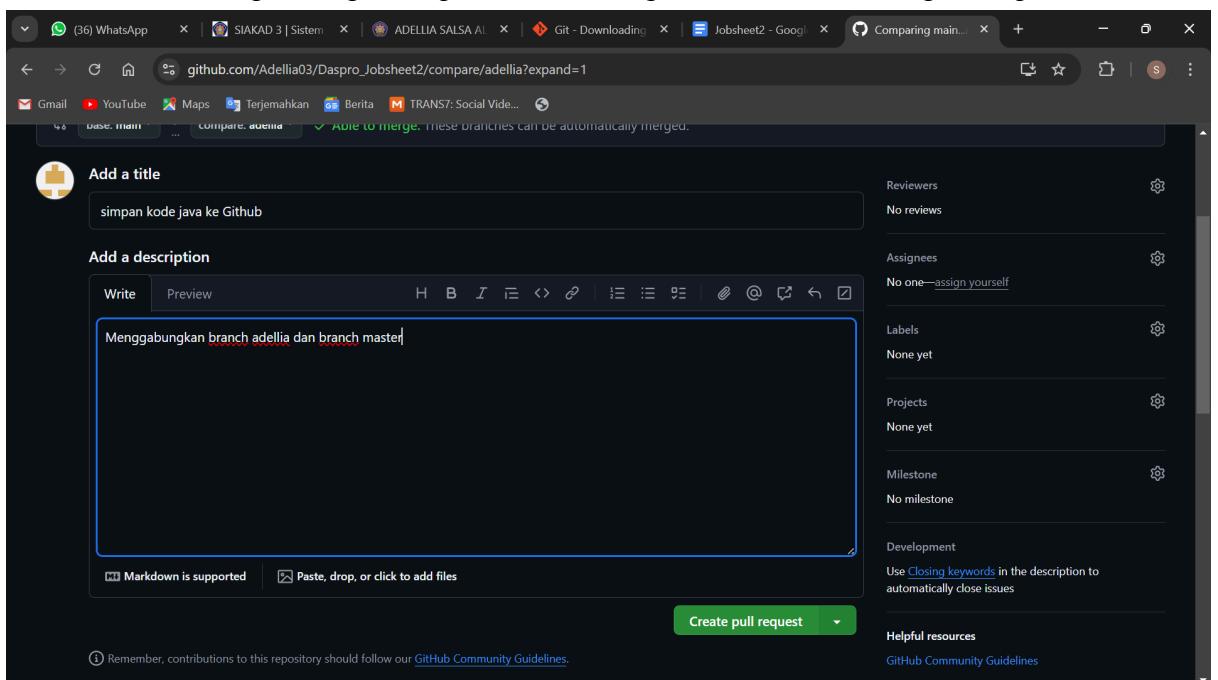
Packages

No packages published

Publish your first package



6. Klik tombol compare & pull request lalu isikan pesan dan klik create pull request



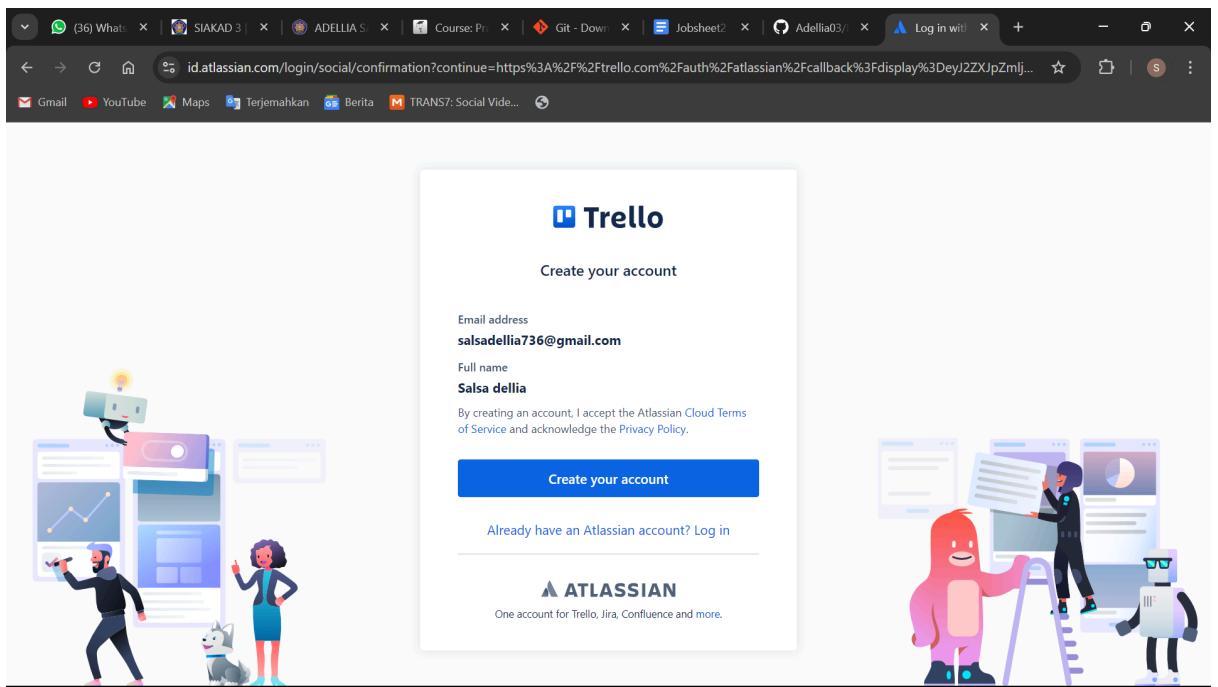
7. Pindah ke tab code dan coba mengamati hasil antara brach main dan brach adellia

Pertanyaan

1. Pull request digunakan untuk menggabungkan perubahan kode dari satu branch ke branch utama dalam repositori
2. Agar file utama tidak berantakan terubah ubah

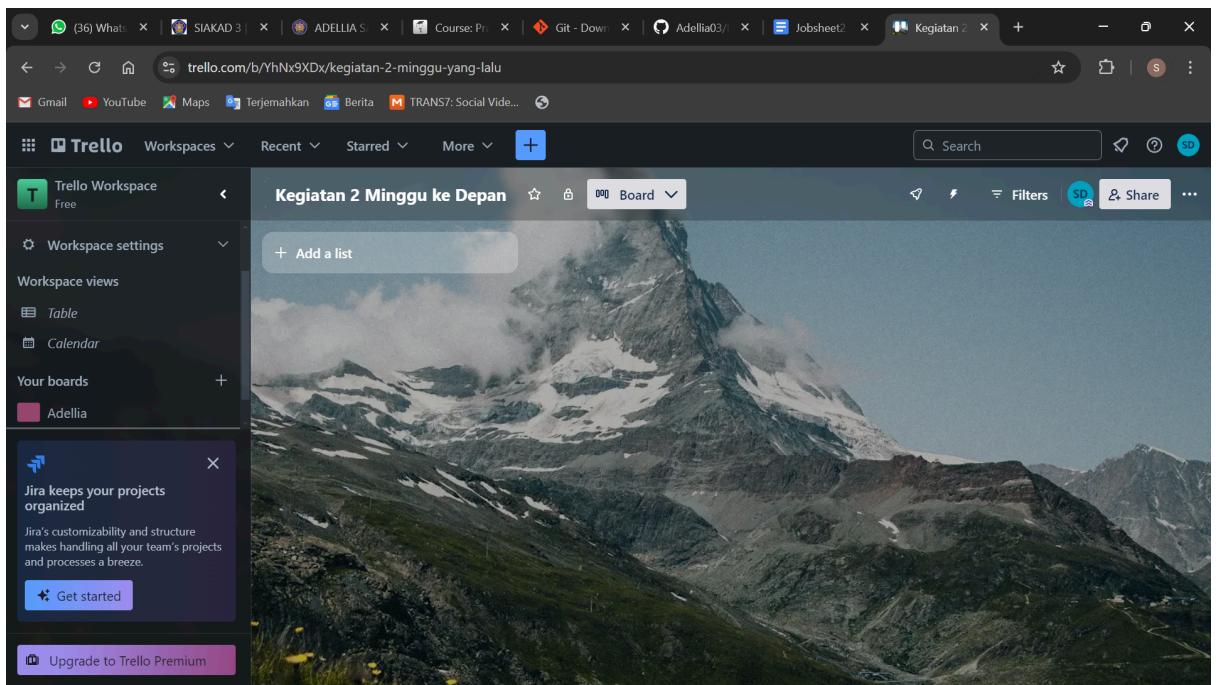
PERCOBAAN 3: Menggunakan Trello

1. Buka situs web trello dan buat akun baru

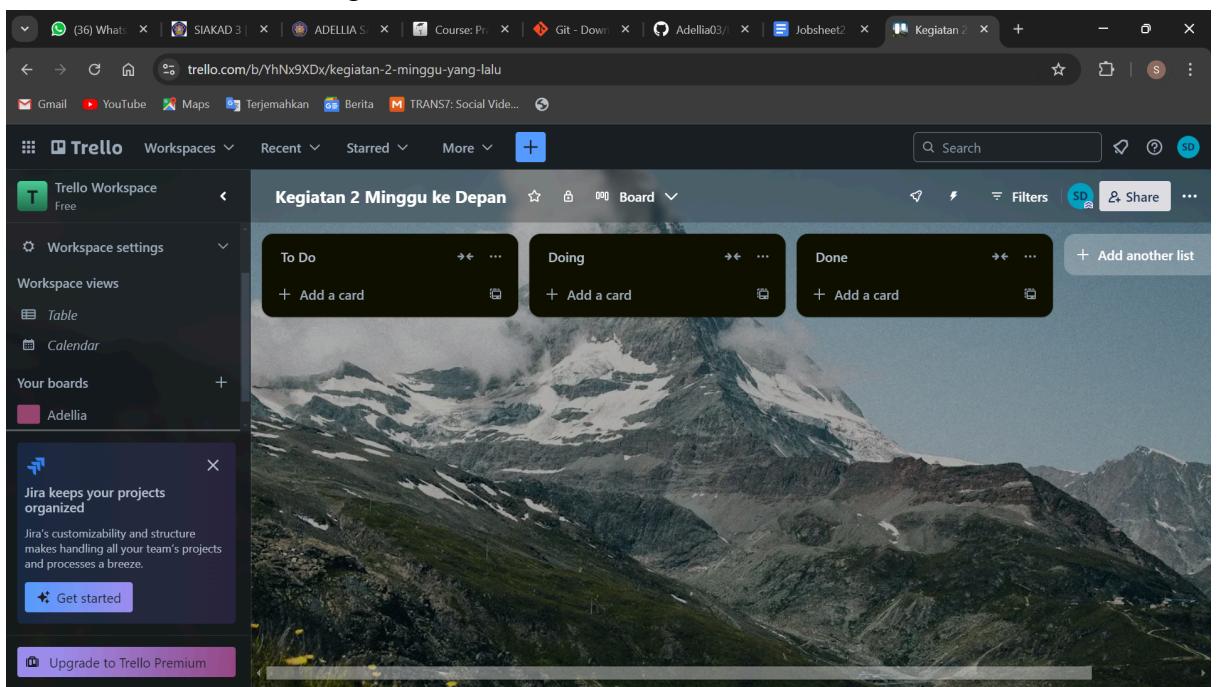


2. Buat Papan baru

A screenshot of the Trello web interface showing the "Create board" dialog box. The URL in the address bar is trello.com/b/z2l6ccBP. The dialog box has a title "Create board" and a preview image of a board with three cards. It includes sections for "Background" (with a color picker), "Board title" (Kegiatan 2 Minggu yang Lalu), and "Visibility" (Private). At the bottom are "Create" and "Start with a template" buttons. The background shows the Trello workspace sidebar with "Trello Workspace Free", "Workspace settings", "Your boards" (Adelia), and a "Jira keeps your projects organized" sidebar.

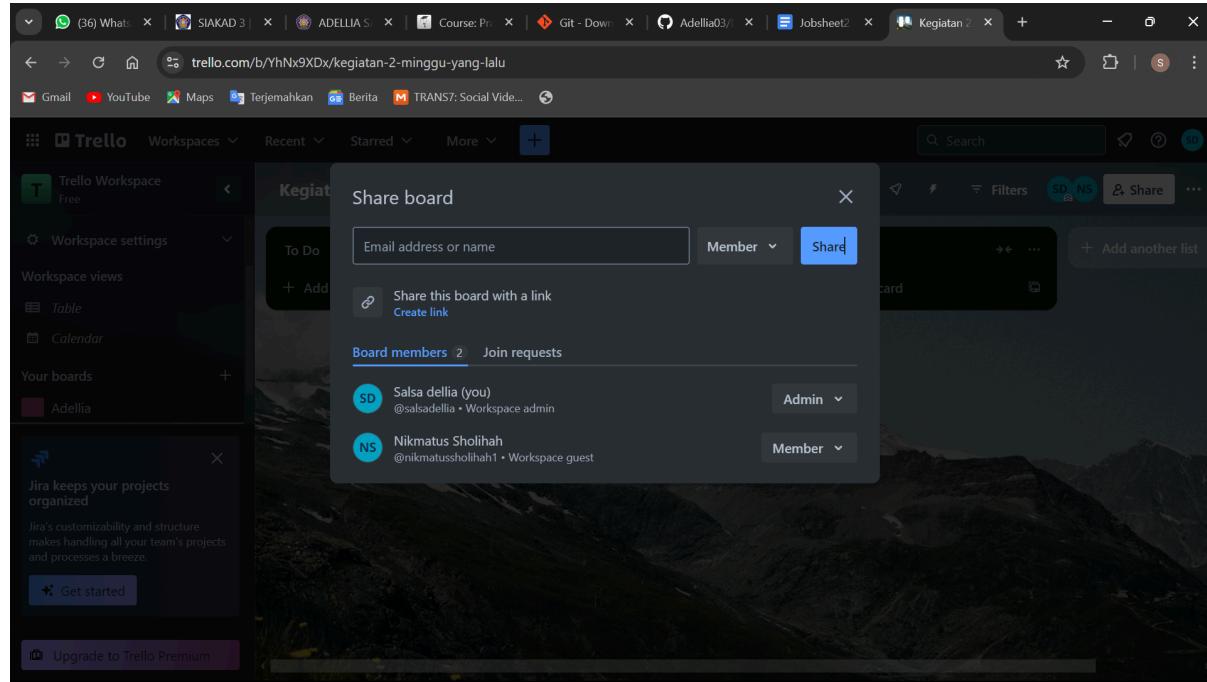


3. Buat list awal To Do, Doing, dan Done



Pertanyaan

1. Klik share di pojok kanan lalu masukkan email akun teman



2. Memungkinkan, klik + di yours board

TUGAS

1.

2.

The screenshot shows a GitHub repository named 'Adellia03/Kelompok/tree/develop'. The repository is public and contains one branch ('develop') and two tags ('Latihan03.java' and 'Latihan23'). The 'README' file is present. On the right side, there's an 'About' section with a note: 'No description, website, or topics provided.' It also shows activity metrics: 0 stars, 1 watching, and 0 forks. The 'Releases' and 'Packages' sections are both empty.

2.

3.

The screenshot shows a Trello board titled 'Biodata Kelompok'. The board has three columns, each labeled 'DATA MAHASISWA'. The first column contains the card: 'Nama: Adellia Salsa Al Barra'. The second column contains the card: 'Nama: Siti Nikmatus Sholihah'. The third column contains the card: 'Nama: Angga Saputra Ramadhan'. Each card has a '+ Add a card' button at the bottom. A sidebar on the left shows the workspace settings and a Jira integration window. A banner at the bottom encourages upgrading to Trello Premium.

