

## Laporan Praktikum II Sistem Version Control dan Kanbar Board



Nama : Innama Maesa Putri

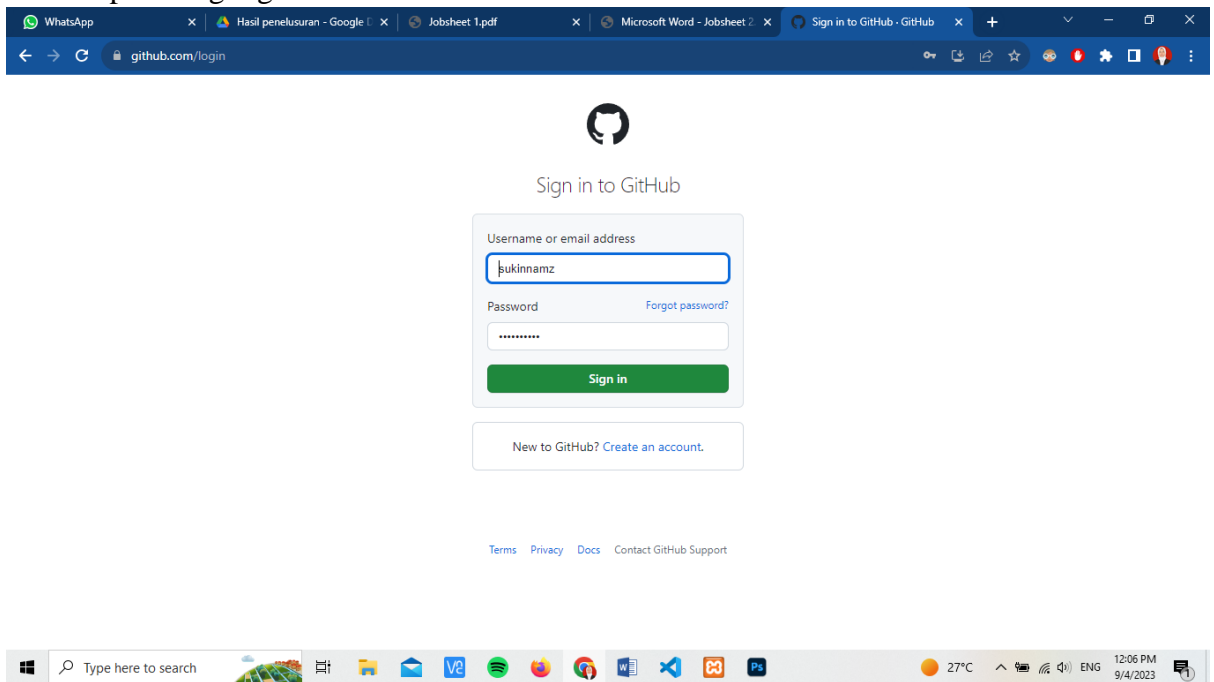
NIM : 2341720235

Kelas : 1B

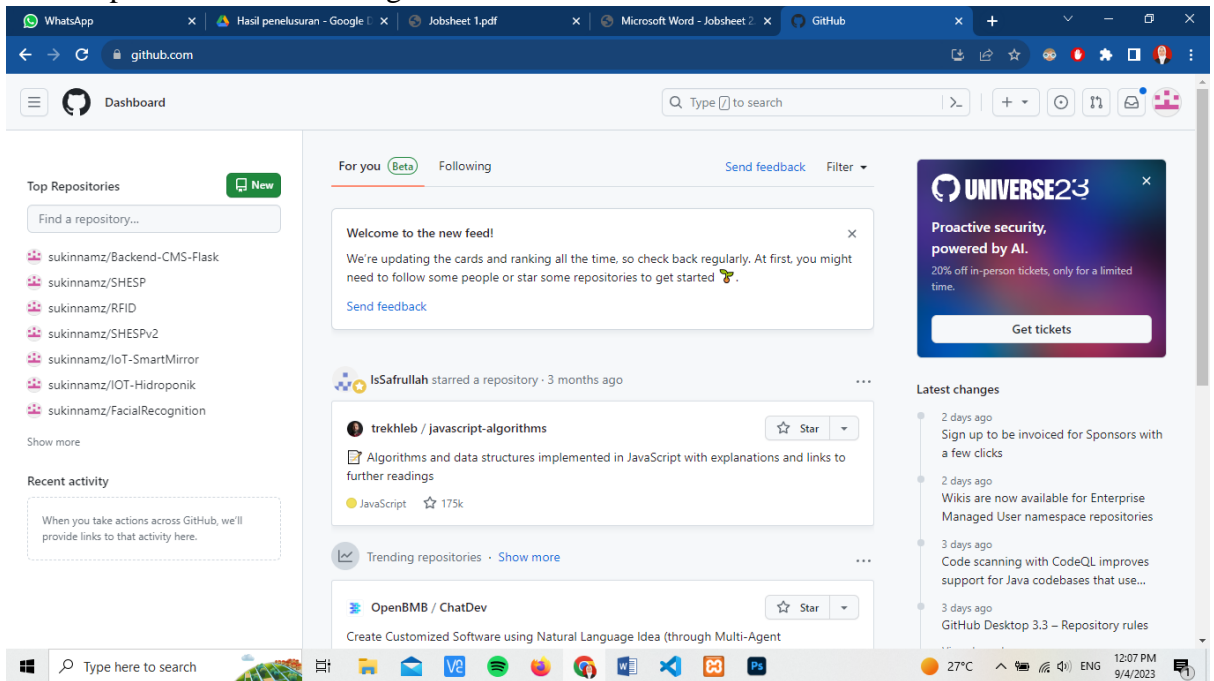
Prodi : D-IV Teknik Informatika

## 1. Percobaan 1

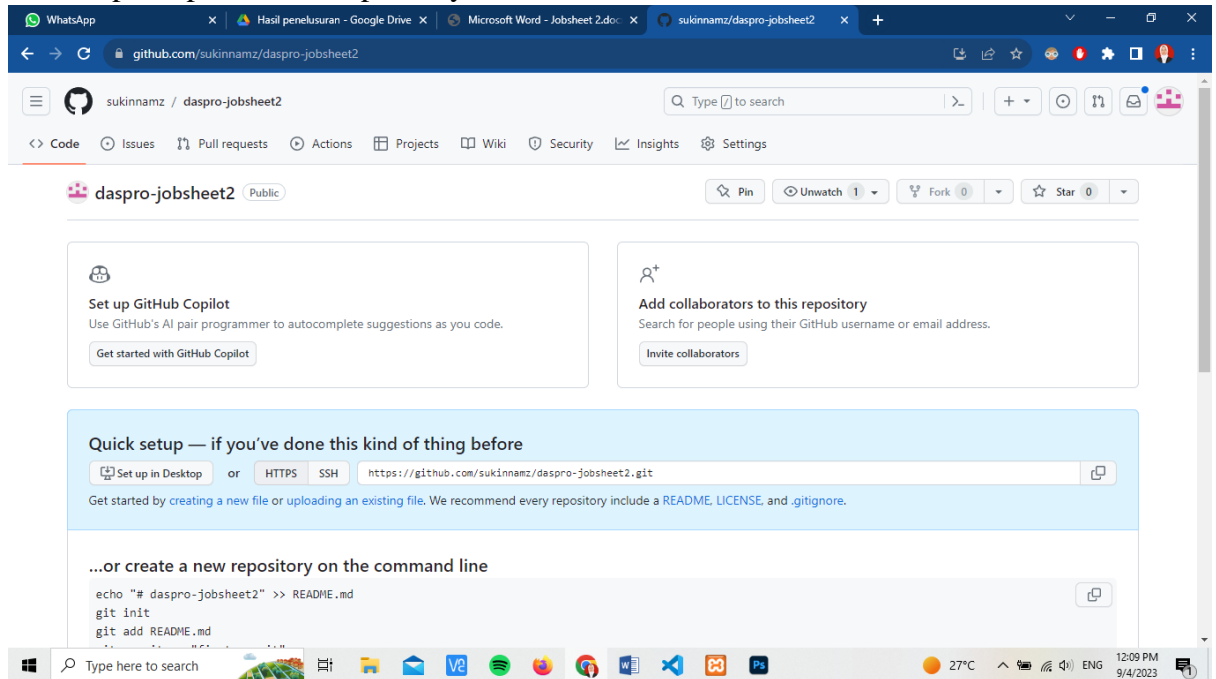
Hasil capture login github :



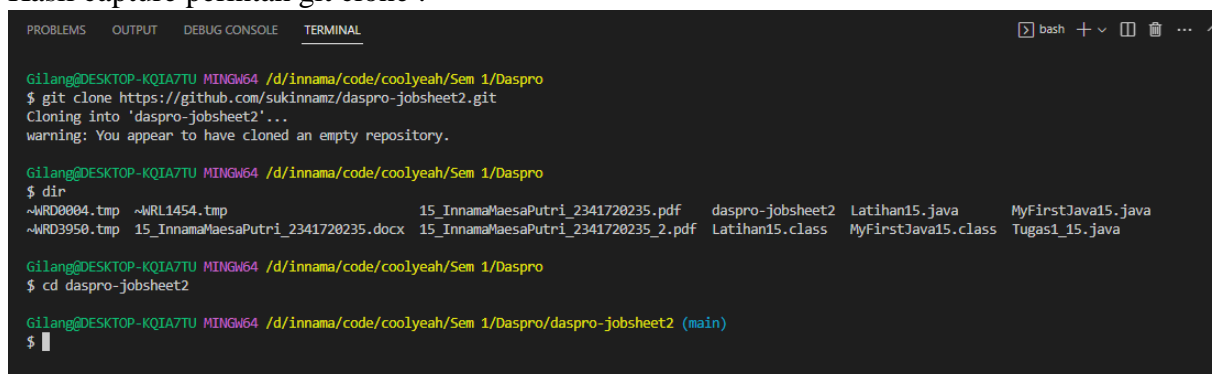
Hasil capture halaman utama github :



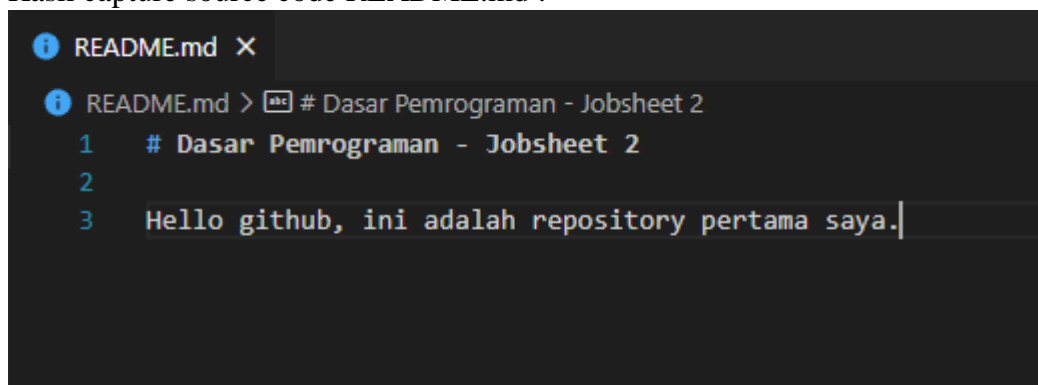
## Hasil capture pembuatan repository baru :



## Hasil capture perintah git clone :



## Hasil capture source code README.md :



Hasil capture perintah git add dan git commit :

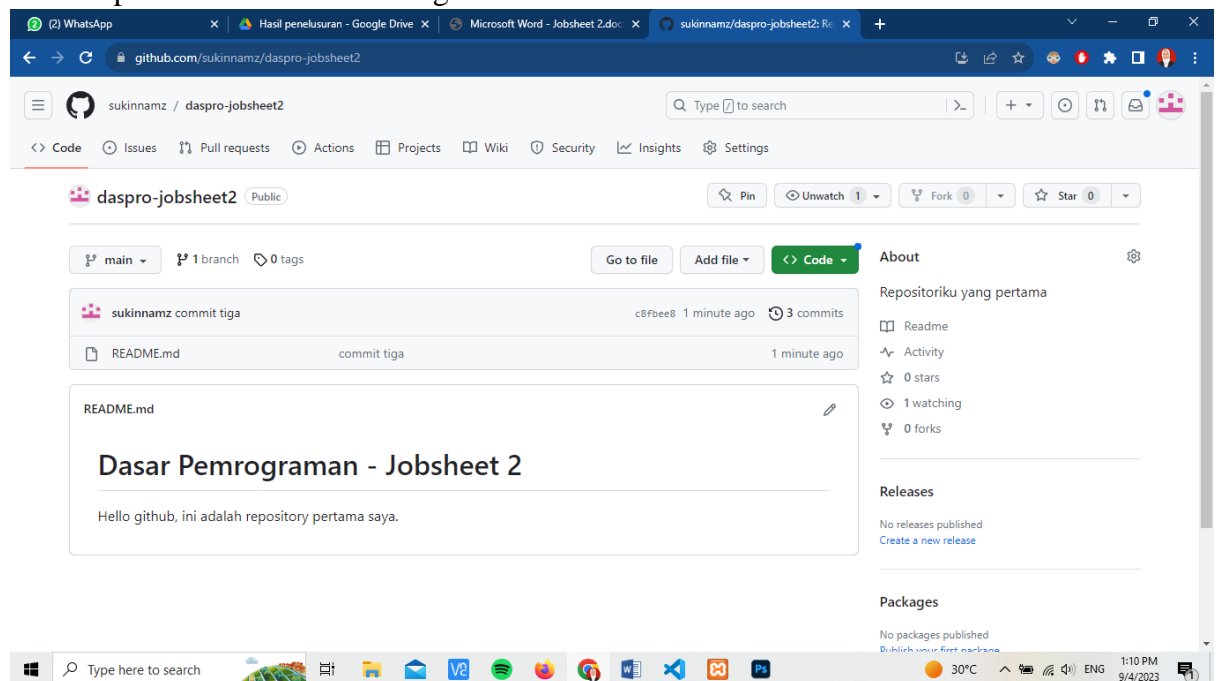
```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet2 (main)
$ git add .

Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet2 (main)
$ git commit -m "commit pertama saya lho"
[main (root-commit) e2c3c3c] commit pertama saya lho
1 file changed, 1 insertion(+)
create mode 100644 README.md
```

Hasil capture git push :

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet2 (main)
$ git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 273 bytes | 273.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sukinnamz/daspro-jobsheet2.git
 * [new branch]      main -> main
```

Hasil capture setelah melakukan git commit :



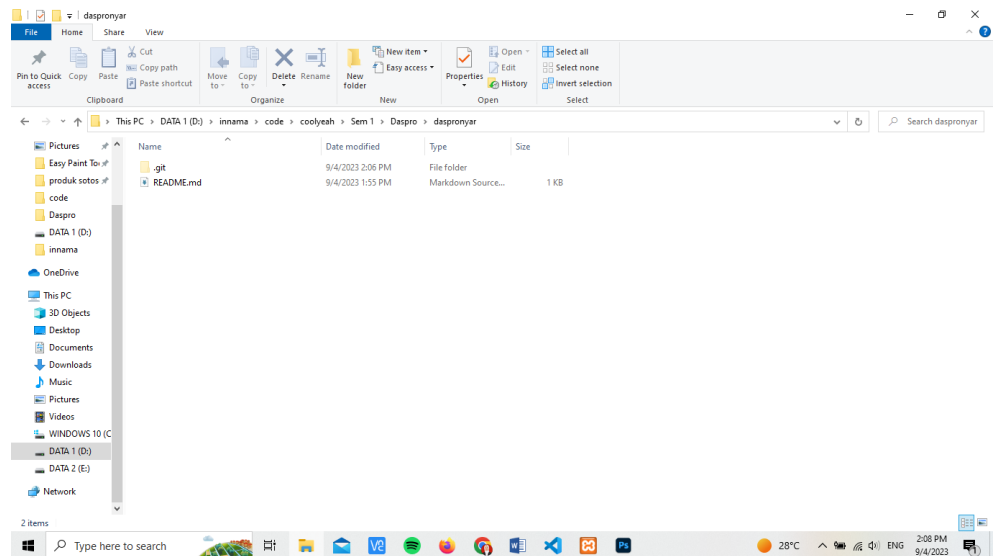
1. Jelaskan perbedaan perintah git commit dan git push?

**Jawab :** Git commit digunakan untuk menyimpan perubahan yang telah terjadi pada repository sedangkan git push digunakan mengupload perubahan yang telah dilakukan ke repository github online.

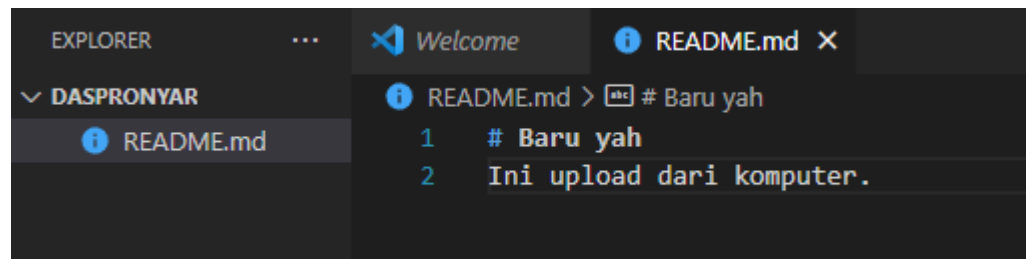
2. Apakah bisa alurnya dibalik, membuat folder atau proyek terlebih dahulu kemudian upload (push) ke Github? Jika bisa, buktikan!

**Jawab :** Bisa, dengan langkah-langkah sebagai berikut :

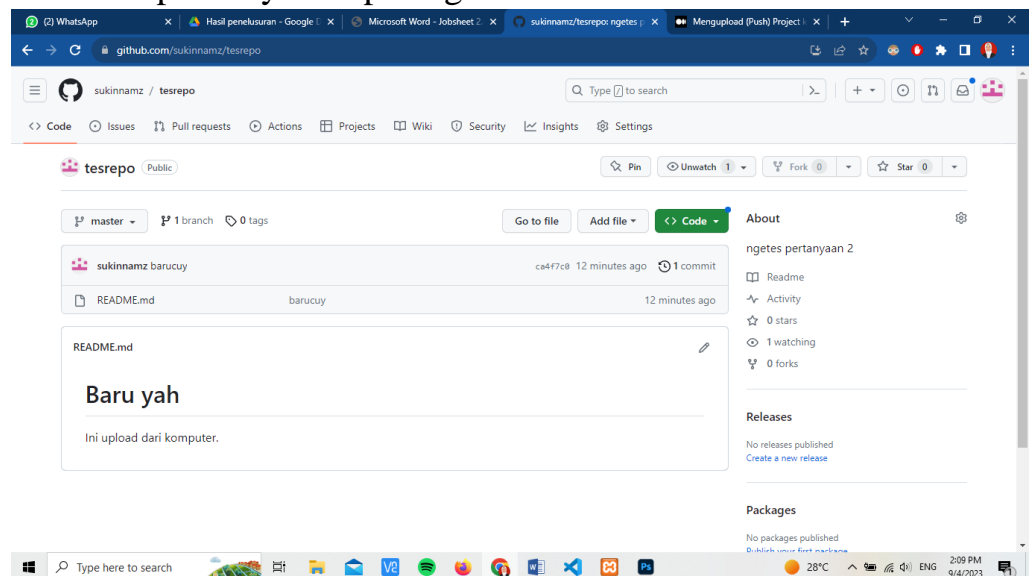
1. Buat folder baru di komputer



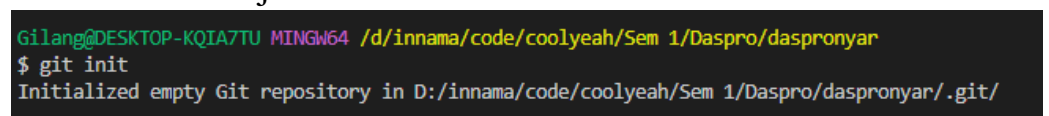
2. Tambahkan file readme dalam folder tersebut



3. Buat repository baru pada github



4. Ketikkan perintah git init untuk menjadikan folder yang telah dibuat menjadi folder master



5. Ketikkan perintah git add . untuk menambahkan file dalam folder

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspronyar (master)
$ git add .
```

6. Ketikkan git commit untuk menyimpan perubahan pada repository

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspronyar (master)
$ git commit -m "barucuy"
[master (root-commit) ca4f7c0] barucuy
1 file changed, 2 insertions(+)
create mode 100644 README.md
```

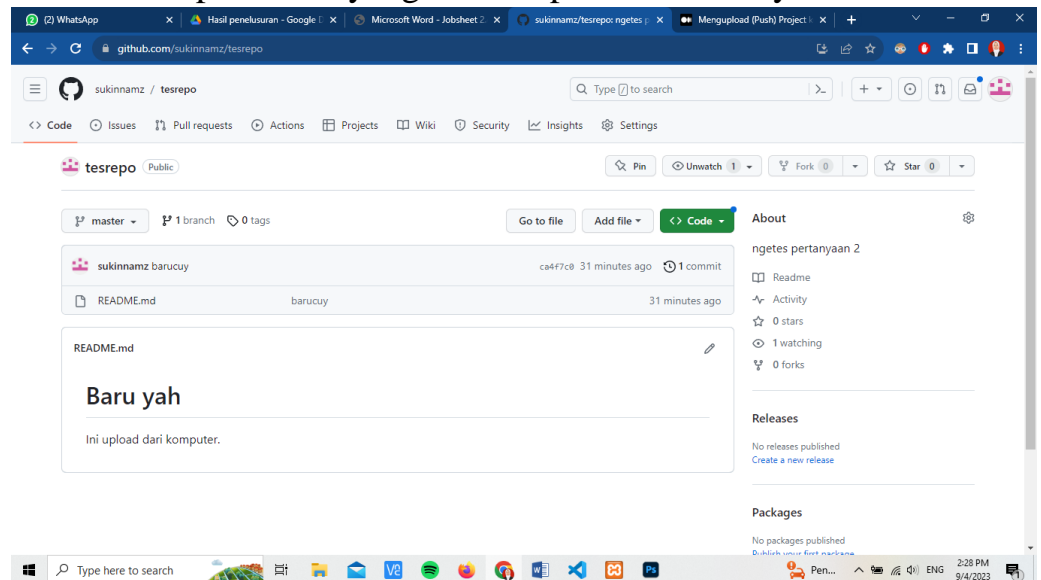
7. Ketikkan git remote add untuk menambah file pada repository

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspronyar (master)
$ git remote add dasprobaru https://github.com/sukinnamz/tesrepo.git
```

8. Ketikkan git push untuk mengupload perubahan pada repository

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspronyar (master)
$ git push -u dasprobaru master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 251 bytes | 251.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sukinnamz/tesrepo.git
* [new branch]      master -> master
branch 'master' set up to track 'dasprobaru/master'.
```

9. Akan terupload file yang telah di push sebelumnya



2. Percobaan 2

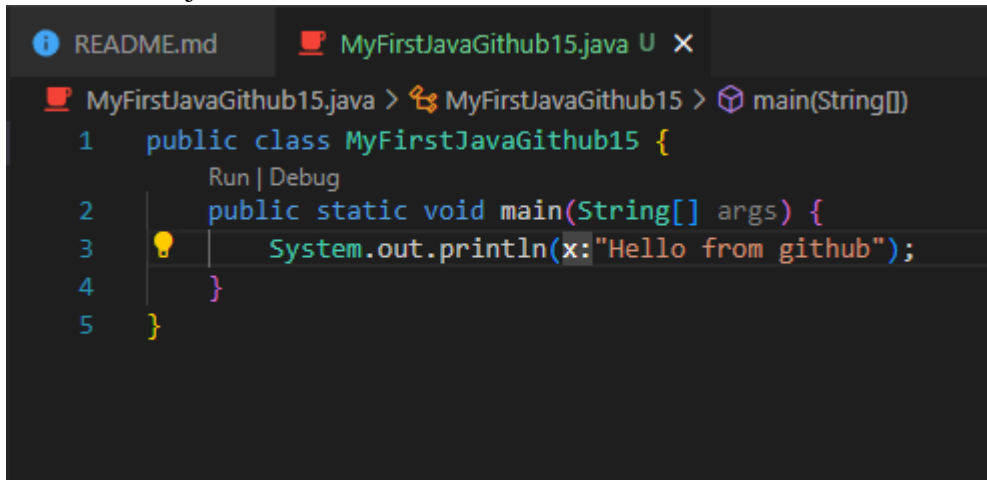
Membuat branch baru :

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet2 (main)
$ git branch devel
```

Mengganti branch main ke branch devel :

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet2 (main)
$ git checkout devel
Switched to branch 'devel'
```

Membuat file java :

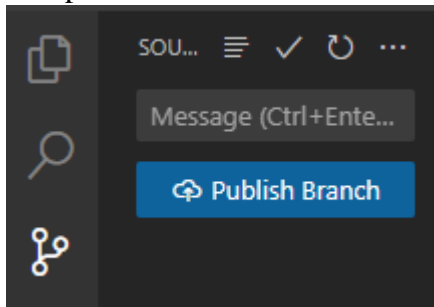


```
MyFirstJavaGithub15.java > MyFirstJavaGithub15 > main(String[])
1 public class MyFirstJavaGithub15 {
    Run | Debug
2     public static void main(String[] args) {
3         System.out.println(x:"Hello from github");
4     }
5 }
```

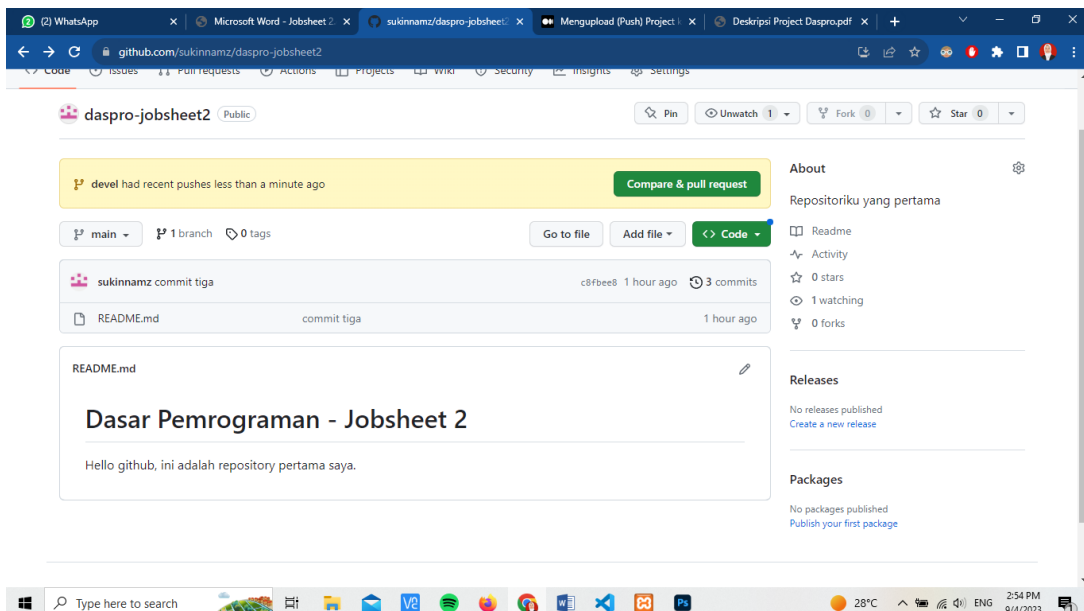
Output java :

```
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet2>
'-cp' 'C:\Users\Gilang\AppData\Roaming\Code\User\workspace
yFirstJavaGithub15'
Hello from github
```

Tampilan setelah commit di vscode :



Publish branch :



## Tampilan branch devel :

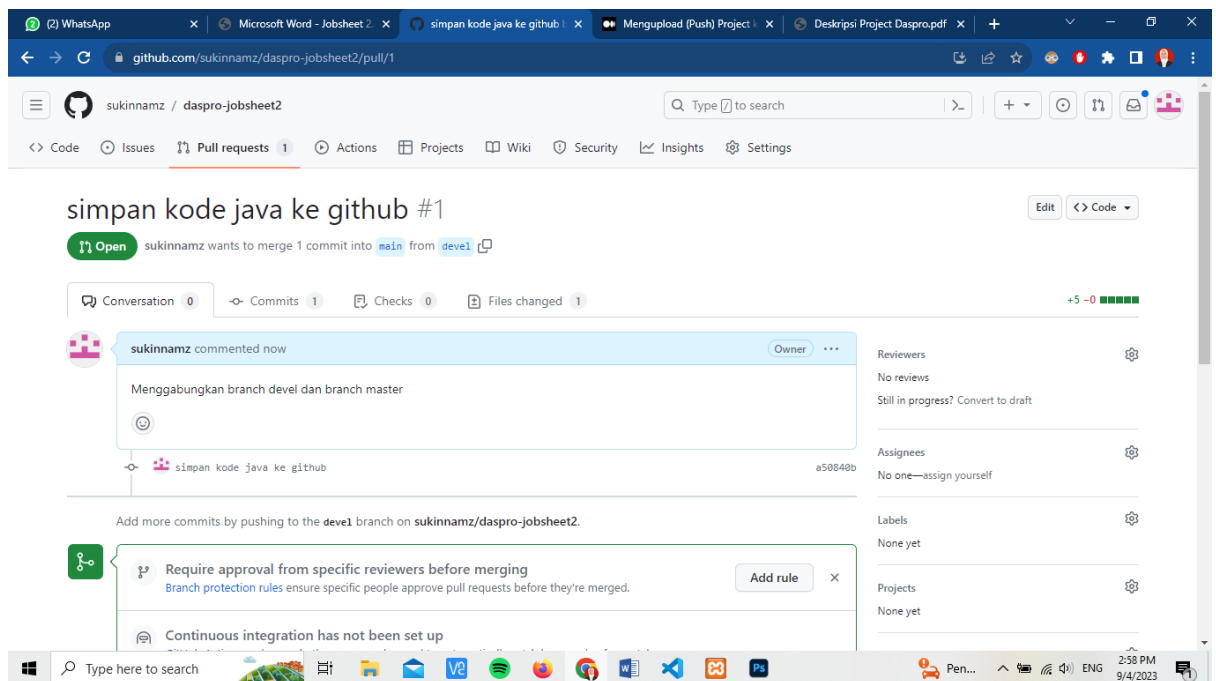
The screenshot shows the GitHub interface for the repository 'daspro-jobsheet2'. The 'devel' branch is selected, showing it is 1 commit ahead of 'main'. A recent commit by 'sukinnamz' is visible, titled 'simpan kode java ke github', which includes files 'MyFirstJavaGithub15.java' and 'README.md'. The 'README.md' content is displayed as 'Dasar Pemrograman - Jobsheet 2' followed by 'Hello github, ini adalah repository pertama saya.' The right sidebar shows repository statistics: 0 stars, 1 watching, and 0 forks. The bottom of the image shows a Windows taskbar with various application icons and a system clock indicating 2:56 PM on 9/4/2023.

## Compare and pull request :

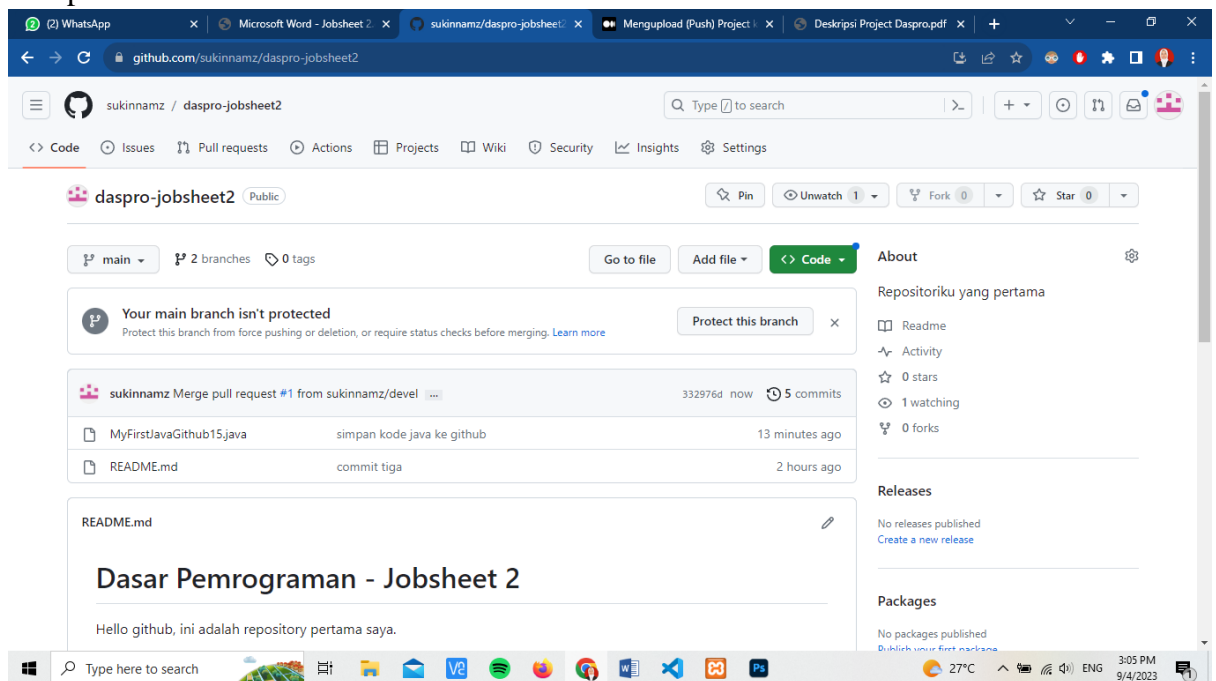
This screenshot displays the 'Compare and pull request' page on GitHub. It compares the 'main' branch (base) with the 'devel' branch (compare). A green checkmark indicates the branches are 'Able to merge'. The pull request title is 'simpan kode java ke github'. The description field contains the text 'Menggabungkan branch devel dan branch master'. The right sidebar shows sections for 'Reviewers', 'Assignees', 'Labels', 'Projects', 'Milestone', and 'Development', all of which are currently empty. A 'Create pull request' button is located at the bottom right of the description area. The Windows taskbar at the bottom shows the system clock at 2:58 PM on 9/4/2023.

## Tampilan pull request :

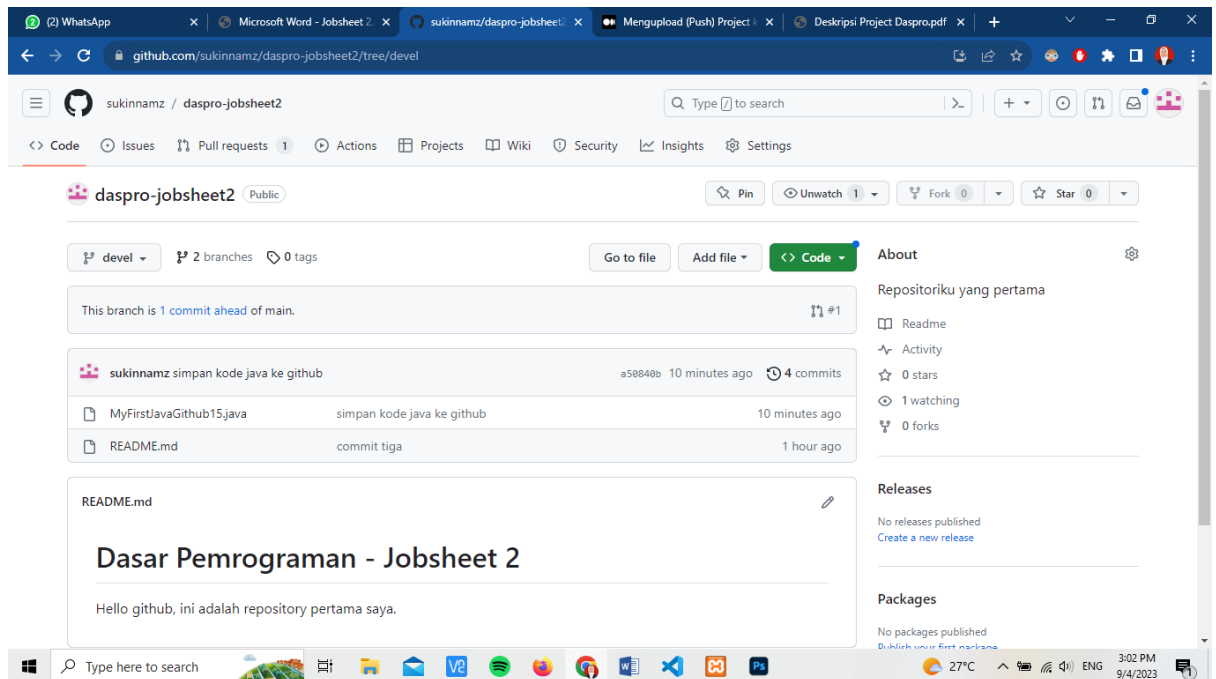




Tampilan branch main :



Tampilan branch devel :



### 1. Jelaskan fungsi dari Pull requests!

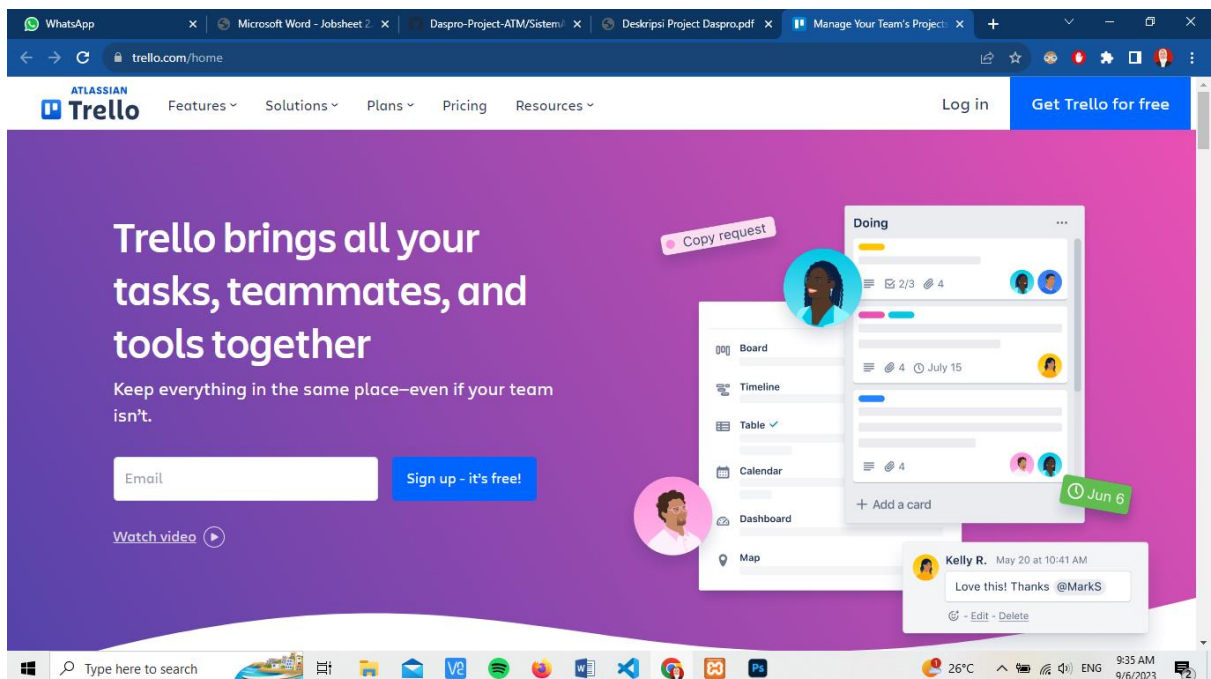
Untuk tempat mengkonfirmasi suatu perubahan dari branch lain sebelum ditambahkan ke branch main.

### 2. Mengapa kita perlu membuat sebuah branch, manfaatnya apa?

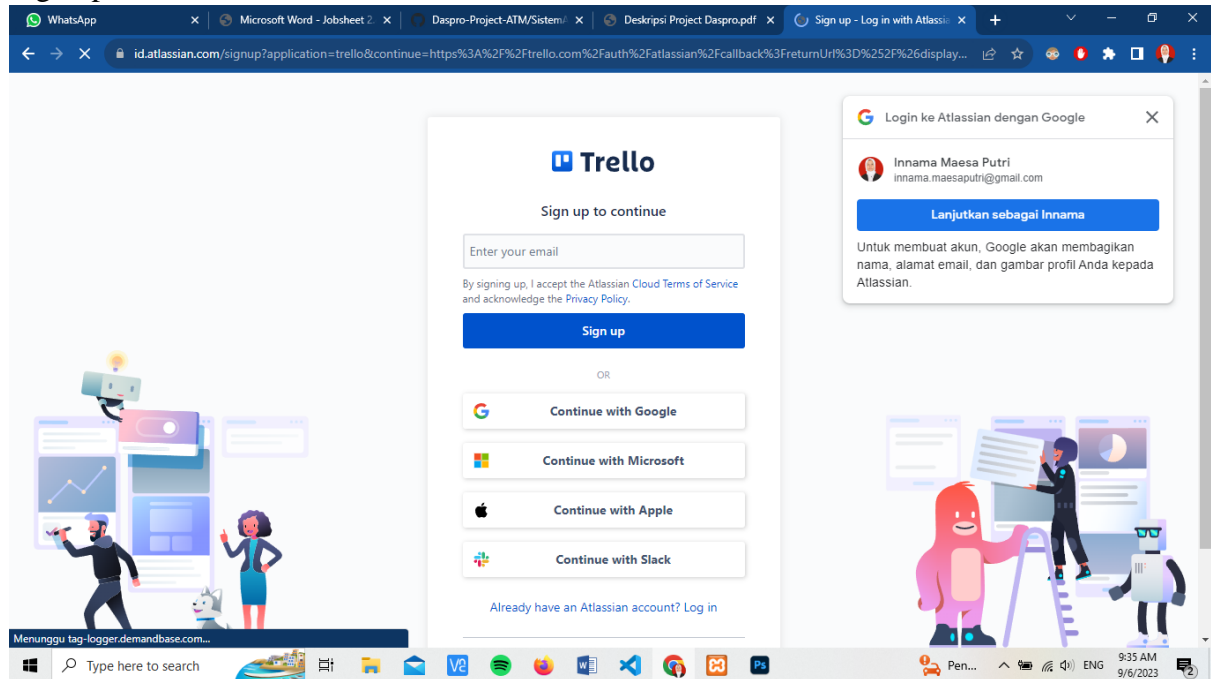
Ketika berkolaborasi agar ketika menyimpan perubahan tidak langsung ke branch main agar code utama kita tetap aman

### 3. Percobaan 3

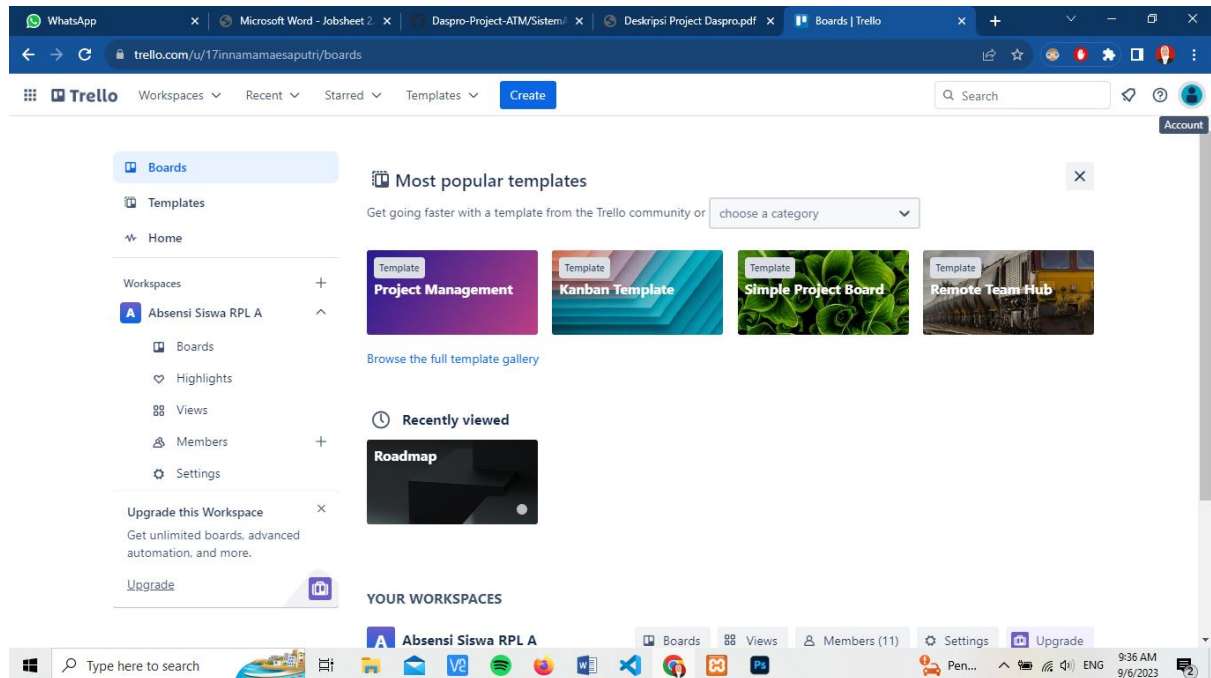
Membuka trello :



## Sign up :



## Dashboard trello :



## Membuat woardspace :

The screenshot shows the Trello workspace creation interface. The browser address bar displays 'trello.com/u/17innamaesaputri/boards'. The main heading is 'Let's build a Workspace' with the subtext 'Boost your productivity by making it easier for everyone to access boards in one location.' The form includes three fields: 'Workspace name' with the value 'Dasar Pemrograman', 'Workspace type' set to 'Education', and 'Workspace description' with the value 'Praktikum 2 Pemrograman Dasar Percobaan 3'. A blue 'Continue' button is at the bottom. An illustration of a Trello board is on the right. The Windows taskbar at the bottom shows various application icons and the system clock at 9:39 AM on 9/6/2023.

Let's build a Workspace

Boost your productivity by making it easier for everyone to access boards in one location.

Workspace name

Dasar Pemrograman

This is the name of your company, team or organization.

Workspace type

Education

Workspace description Optional

Praktikum 2 Pemrograman Dasar Percobaan 3

Get your members on board with a few words about your Workspace.

Continue

## Membuat board :

This screenshot shows the 'Create board' modal open over the 'Dasar Pemrograman' workspace. The modal allows selection of a background, setting the board title to 'To do', choosing the workspace, and setting visibility to 'Workspace'. Below the modal, the workspace overview shows a 'Lesson Planning' template selected. The left sidebar contains navigation links like 'Boards', 'Members', and 'Workspace settings'. The Windows taskbar at the bottom shows the system clock at 9:45 AM on 9/6/2023.

Dasar Pemrograman

Private

Praktikum 2 Pemrograman Dasar Percobaan 3

Invite Workspace members

Create board

Background

Board title \*

To do

Workspace

Dasar Pemrograman

Visibility

Workspace

Start with a template

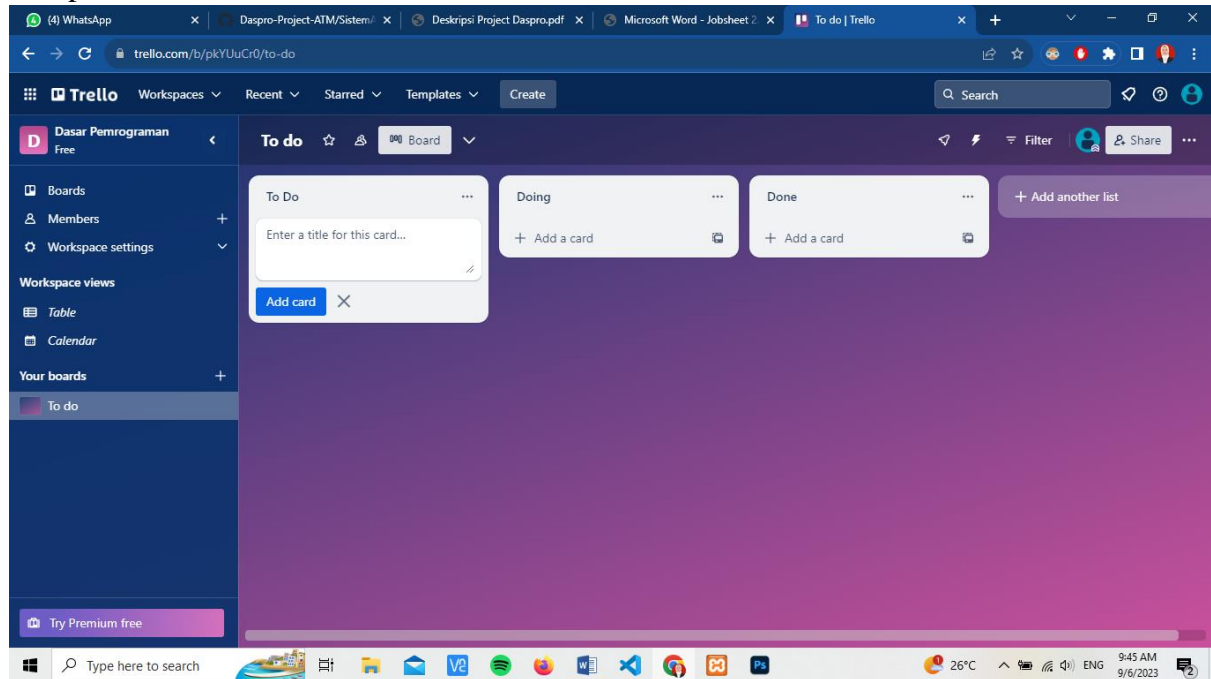
Filter by

Choose a collection

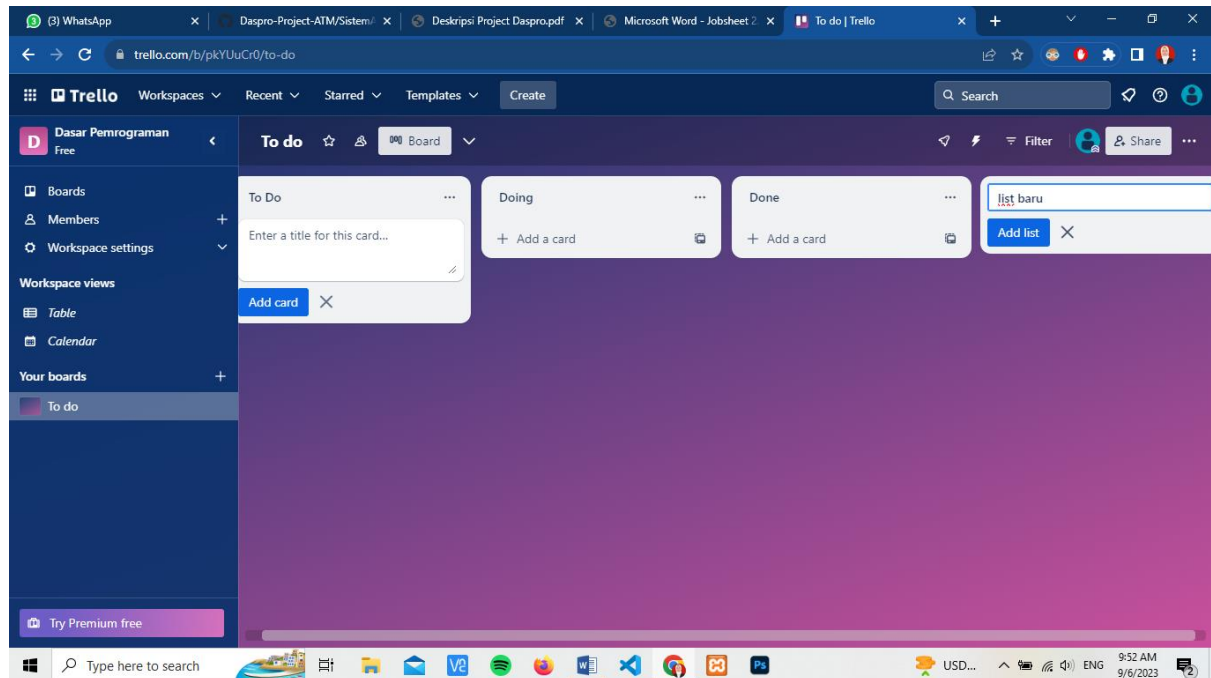
Search

Search boards

## Tampilan board :

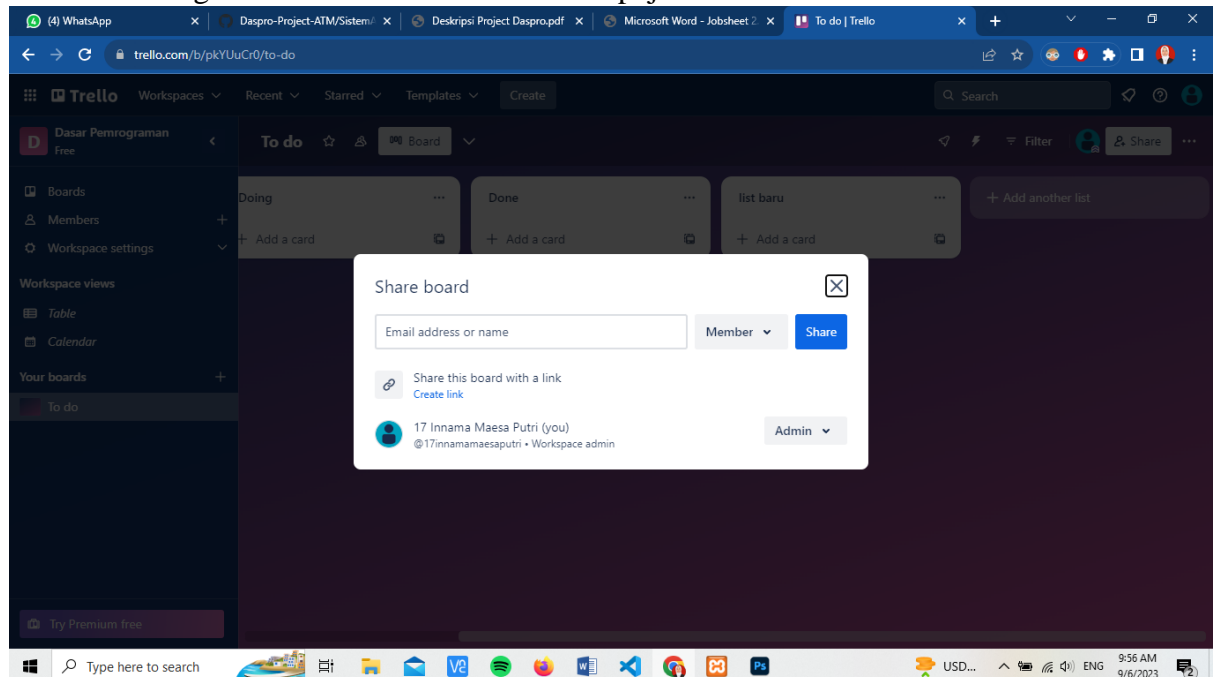


## Membuat list baru :



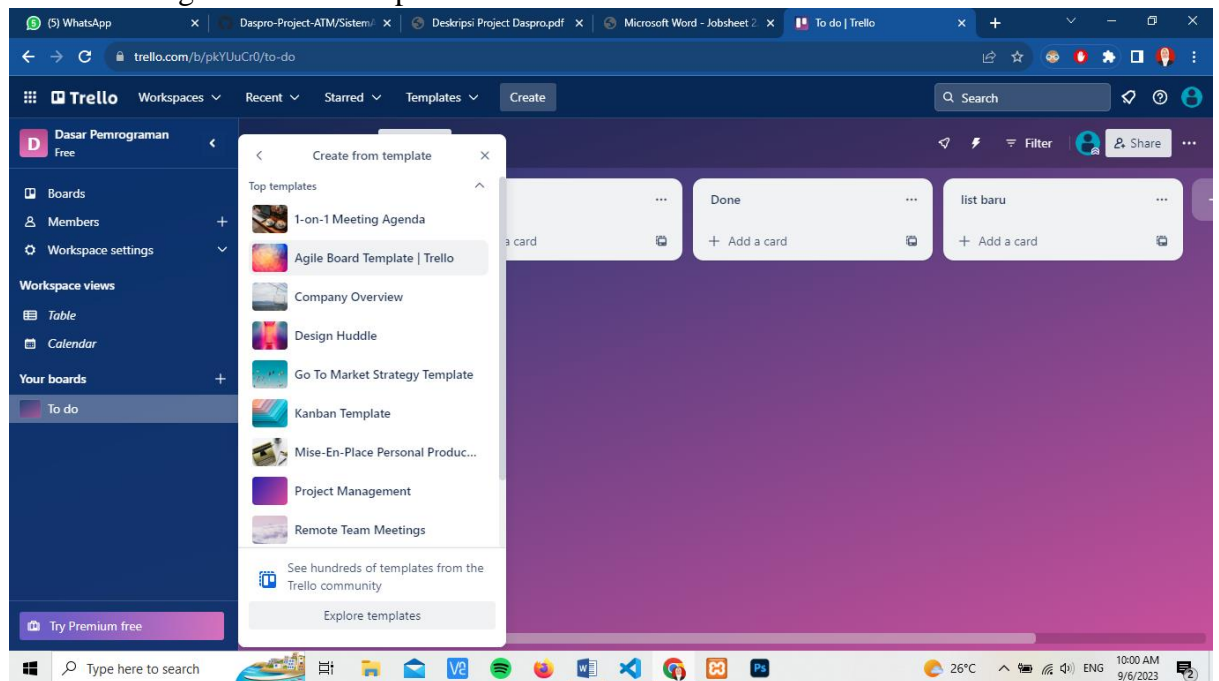
1. Bagaimana langkah yang dilakukan untuk mengundang anggota tim untuk bergabung ke dalam board Anda?

**Jawab :** Dengan menekan tombol share di pojok kanan atas interface board kita



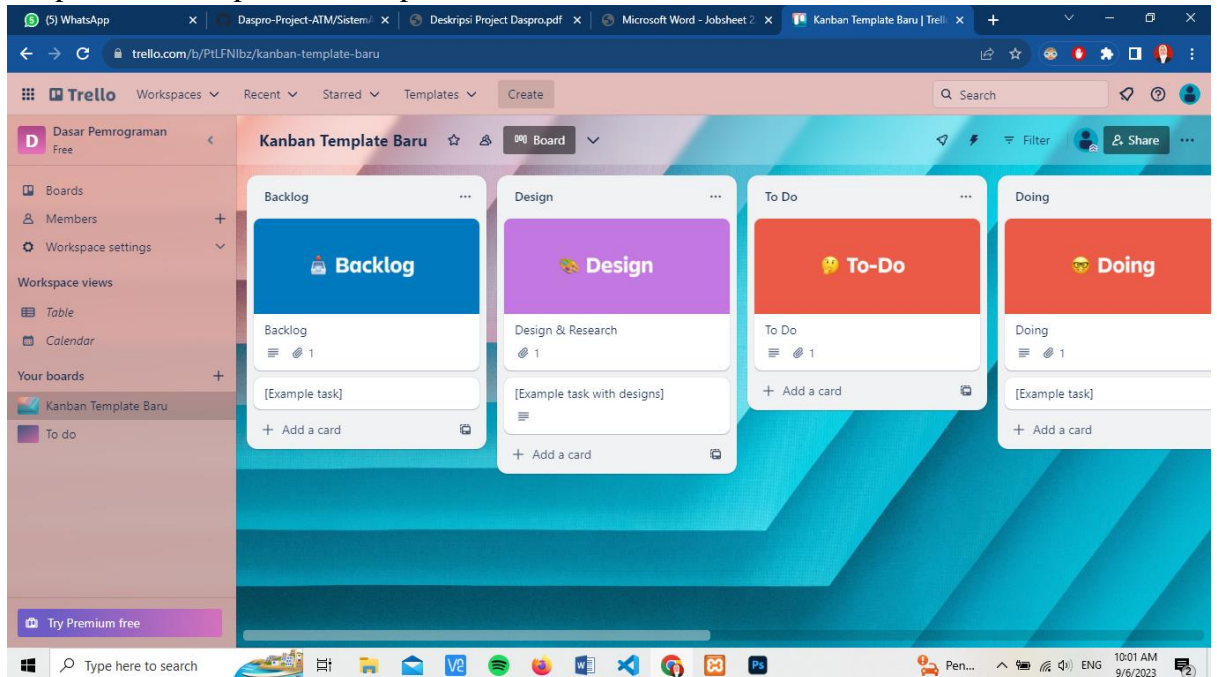
2. Apakah memungkinkan untuk membuat Board tidak dari awal (menambahkan list satu per satu), jika mungkin bagaimana caranya?

**Jawab :** Dengan memilih template ketika membuat board baru



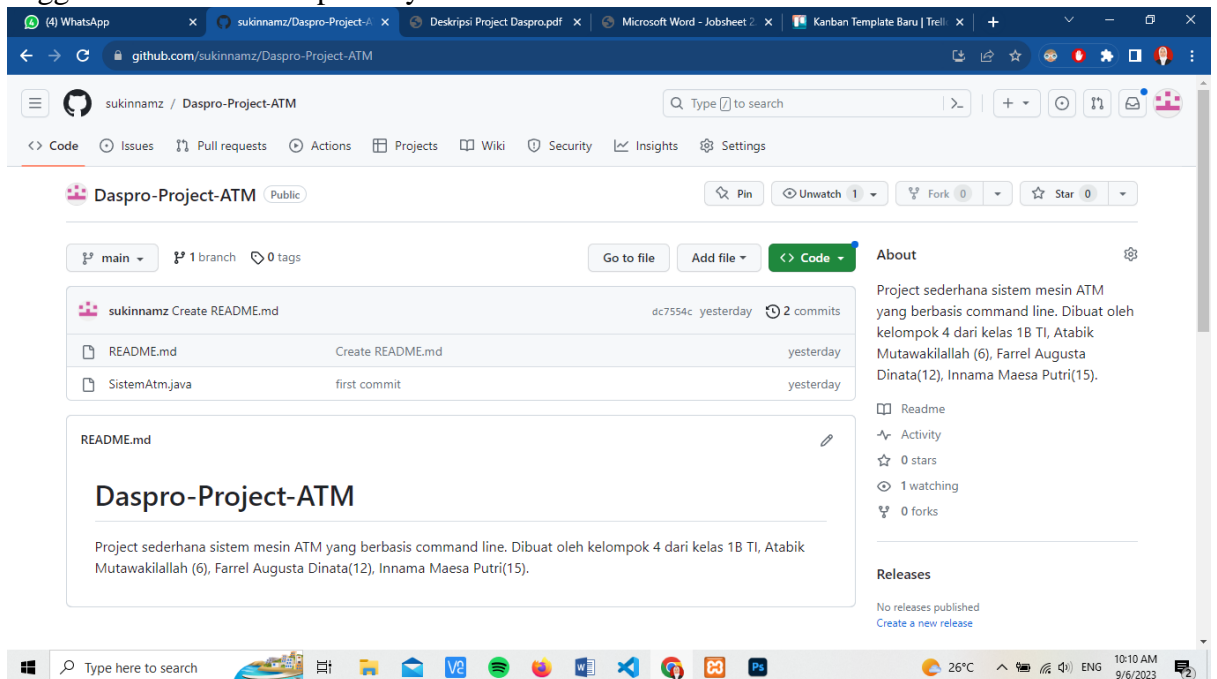


Output board template akan seperti ini :



Tugas 1 :

1. Buatlah kelompok yang terdiri dari 3 orang!  
Kelompok 4 (Sistem Mesin ATM) = Atabik Mutrawakilallah (6), Farrel Augusta Dinata (12), Innama Maesa Putri (15)
2. Buatlah repository berdasarkan topik yang dipilih oleh kelompok Anda, undang semua anggota tim ke dalam repository tersebut.



3. Buatlah sebuah Kanban Board dengan judul board lengkap dengan card sesuai dengan topik proyek yang kelompok Anda pilih, undang semua anggota tim ke dalam board tersebut.

