

Laporan Praktikum

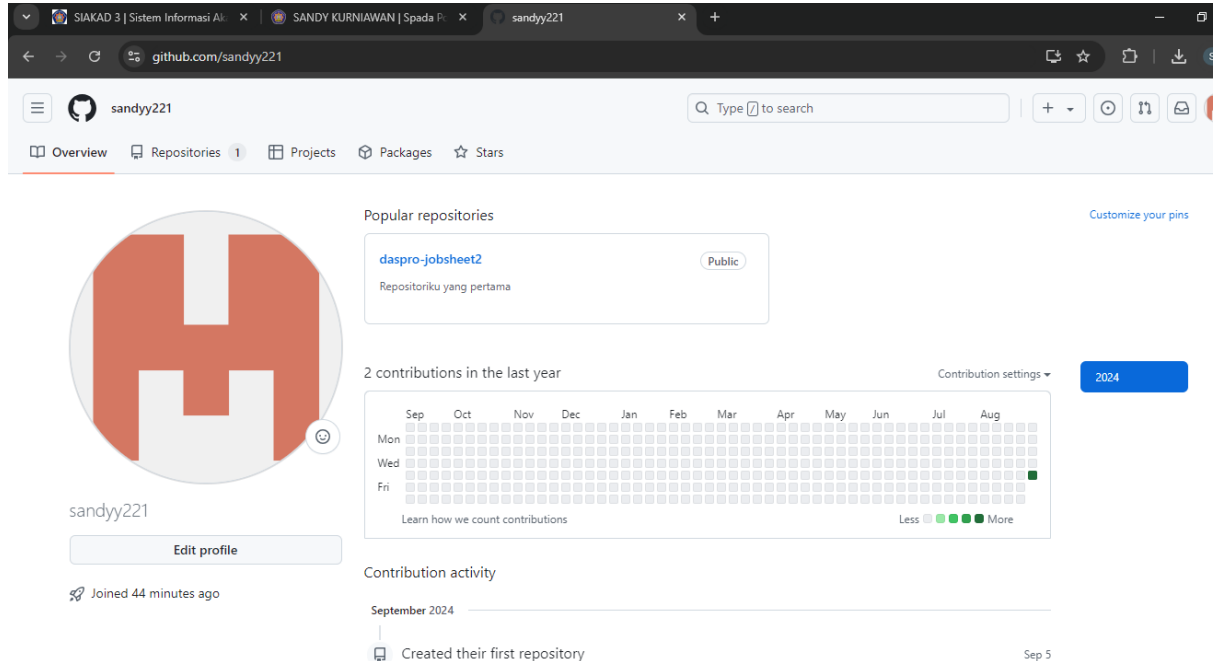
Nama :

Nim :

Kelas :

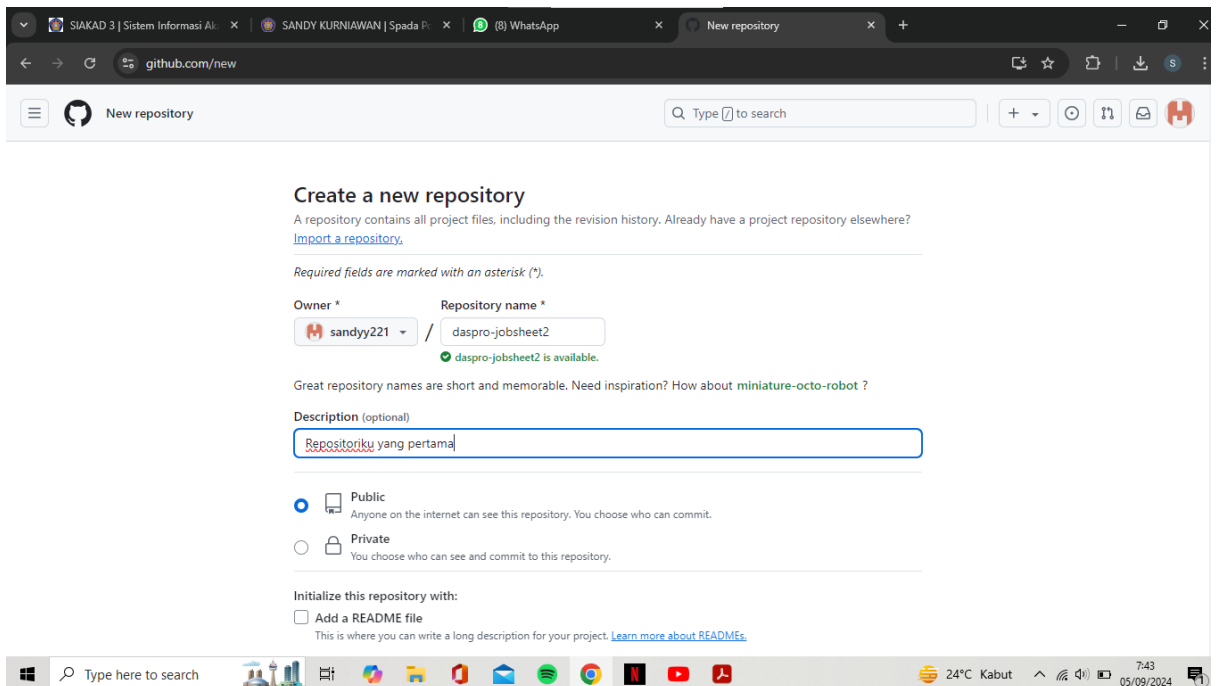
PERCOBAAN 1

1. Membuat akun github



The screenshot shows the GitHub profile page for user 'sandy221'. The page includes a profile picture (a red and white geometric logo), the username 'sandy221', and a bio 'Repositoriku yang pertama'. The 'Popular repositories' section shows a single repository named 'daspro-jobsheet2' with a 'Public' label. The '2 contributions in the last year' section displays a calendar grid for 2024, with a single green square indicating a contribution on September 5th. The 'Contribution activity' section shows a timeline for September 2024, with a single entry 'Created their first repository' on Sep 5.

2. Membuat repository



The screenshot shows the 'Create a new repository' page on GitHub. The page includes a title 'Create a new repository', a subtitle 'A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)', and a note 'Required fields are marked with an asterisk (*)'. The 'Owner' field is set to 'sandy221'. The 'Repository name' field is 'daspro-jobsheet2', with a green checkmark indicating it is available. The 'Description' field is 'Repositoriku yang pertama'. The 'Public' radio button is selected, with the text 'Anyone on the internet can see this repository. You choose who can commit.' The 'Private' radio button is unselected, with the text 'You choose who can see and commit to this repository.' The 'Initialize this repository with:' section has the 'Add a README file' checkbox checked, with the text 'This is where you can write a long description for your project. [Learn more about READMEs.](#)'

3. Melakukan git clone dari terminal (command line)

```
MINGW64:/d/github/daspro-jobsheet2

ACER@LAPTOP-EE5PLR6Q MINGW64 ~
$ cd D:\github

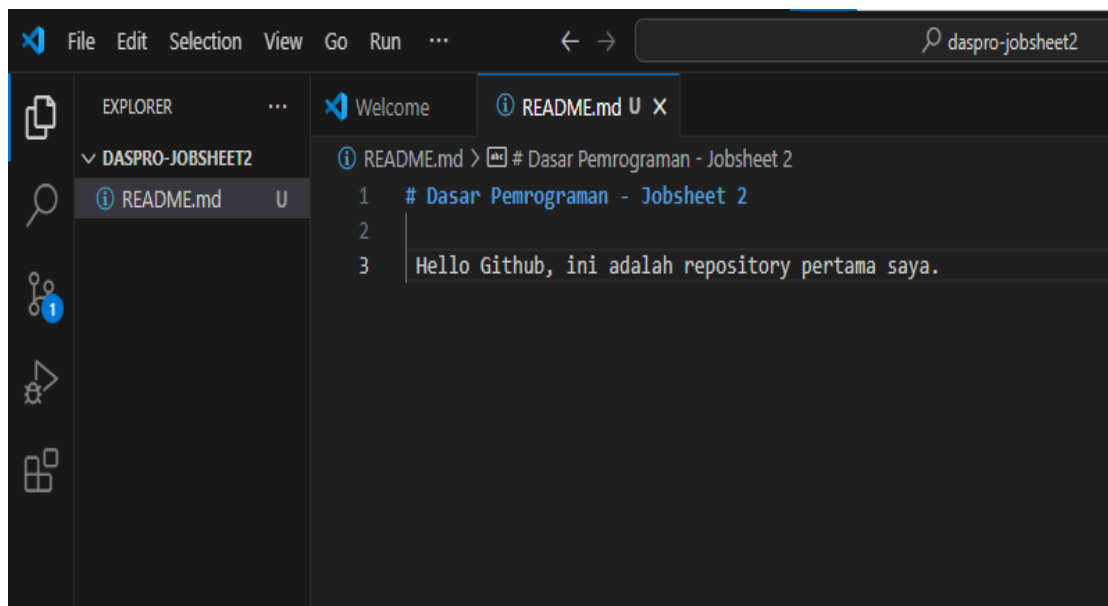
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github
$ git clone https://github.com/sandyy221/daspro-jobsheet2.git
Cloning into 'daspro-jobsheet2'...
warning: You appear to have cloned an empty repository.

ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github
$ dir
daspro-jobsheet2

ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github
$ cd daspro-jobsheet2/

ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$
```

4. Membuka folder repository menggunakan Visual Studio Code

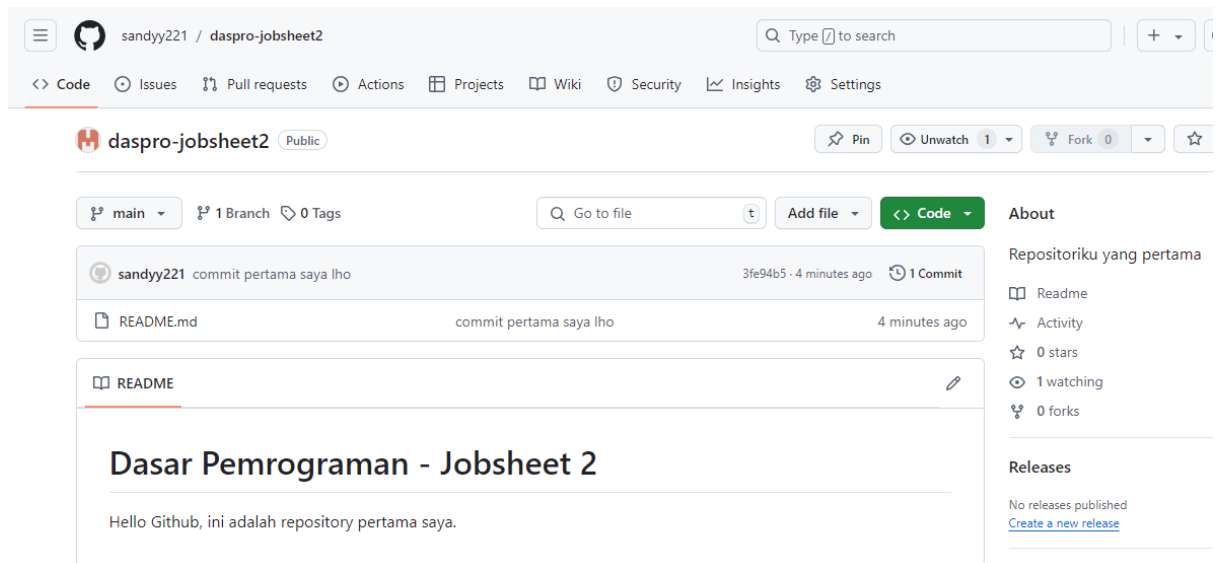


5. git commit dan git push untuk memperbarui repository di github

```
MINGW64:/d/github/daspro-jobsheet2
fatal: unable to auto-detect email address (got 'ACER@LAPTOP-EE5PLR6Q.(none)')
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git config --global user.email "kurniawansandy808.com"
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git config --global user.name "sandy221"
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git add .
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git commit -m "commit pertama saya lho"
[main (root-commit) 3fe94b5] commit pertama saya lho
1 file changed, 3 insertions(+)
create mode 100644 README.md
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$
```

```
MINGW64:/d/github/daspro-jobsheet2
$ git add .
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git commit -m "commit pertama saya lho"
[main (root-commit) 3fe94b5] commit pertama saya lho
1 file changed, 3 insertions(+)
create mode 100644 README.md
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 295 bytes | 147.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/sandy221/daspro-jobsheet2.git
 * [new branch]      main -> main
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git push origin main
Everything up-to-date
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
```

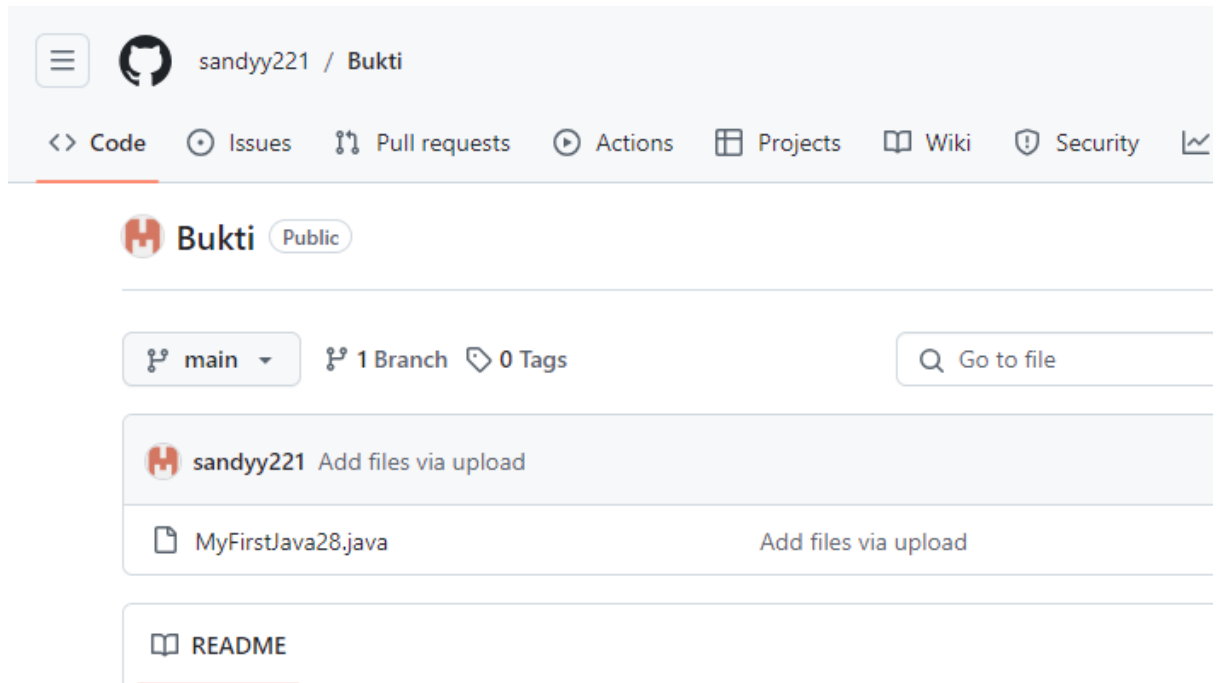
6. Tampilan halaman github



Pertanyaan :

1. Kalau git commit digunakan untuk menyimpan perubahan yang dilakukan pada file atau direktori di dalam repository lokal. Commit ini menyimpan snapshot dari kode pada titik waktu tertentu, sedangkan, git push digunakan untuk mengirim commit yang sudah disimpan di repository lokal ke repository remote (seperti GitHub, GitLab, atau Bitbucket), sehingga perubahan yang dibuat di lokal bisa dilihat dan diakses oleh anggota tim lain.

2. Bisa



PERCOBAAN 2

1. Menggunakan perintah git branch untuk membuat branch baru

```
MINGW64:/d/github/daspro-jobsheet2
Everything up-to-date

ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git branch devel

ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git chekout devel
git: 'chekout' is not a git command. See 'git --help'.

The most similar command is
    checkout

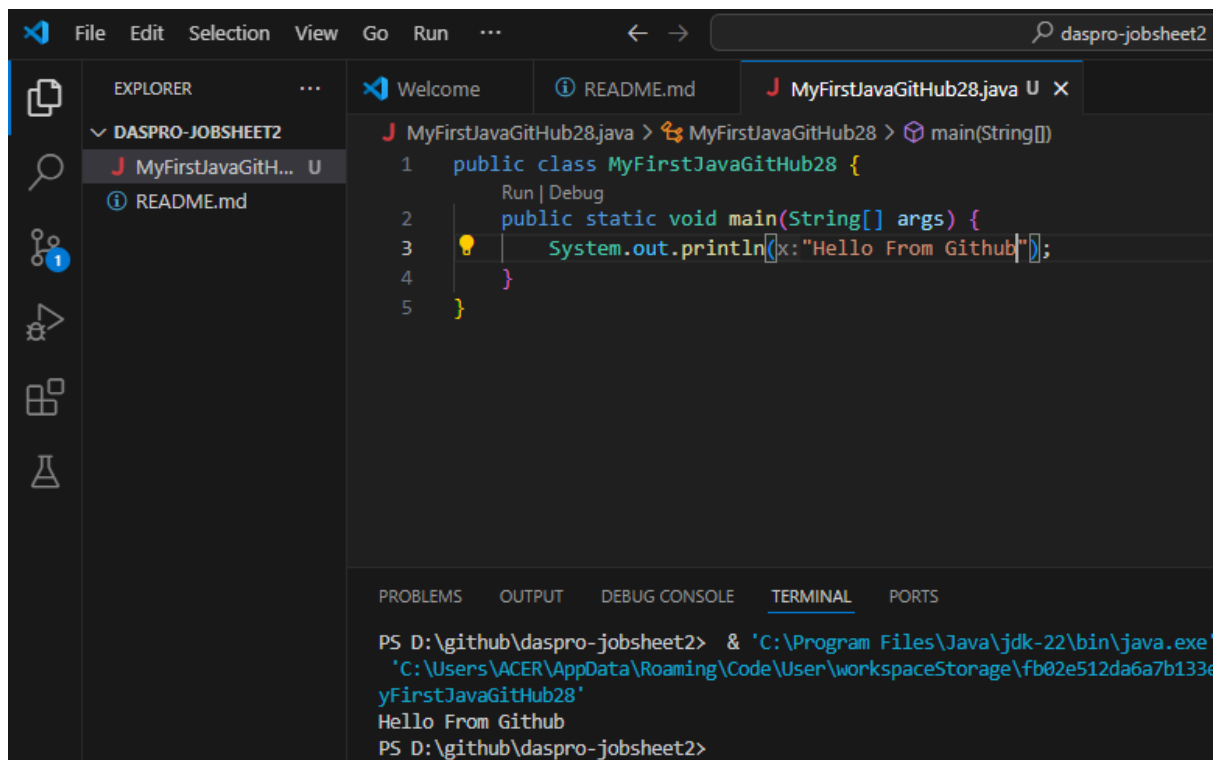
ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (main)
$ git checkout devel
Switched to branch 'devel'

ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (devel)
$ git push
Everything up-to-date

ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (devel)
$ git add .

ACER@LAPTOP-EE5PLR6Q MINGW64 /d/github/daspro-jobsheet2 (devel)
```

2. membuat file baru



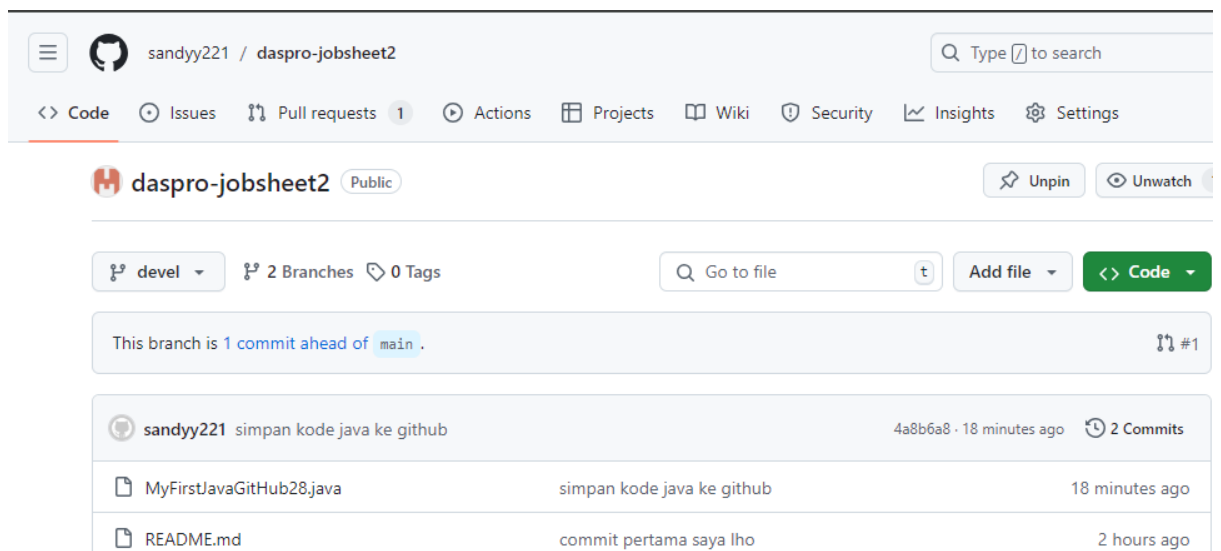
The screenshot shows an IDE with the following components:

- EXPLORER:** Shows a project named `DASPRO-JOBSHEET2` with files `MyFirstJavaGitH...` and `README.md`.
- Editor:** Displays the code for `MyFirstJavaGitHub28.java`. The code is as follows:

```
1 public class MyFirstJavaGitHub28 {  
    Run | Debug  
2     public static void main(String[] args) {  
3         System.out.println("Hello From Github");  
4     }  
5 }
```
- TERMINAL:** Shows the command prompt output:

```
PS D:\github\daspro-jobsheet2> & 'C:\Program Files\Java\jdk-22\bin\java.exe'  
'C:\Users\ACER\AppData\Roaming\Code\User\workspaceStorage\fb02e512da6a7b133e'  
yFirstJavaGitHub28'  
Hello From Github  
PS D:\github\daspro-jobsheet2>
```

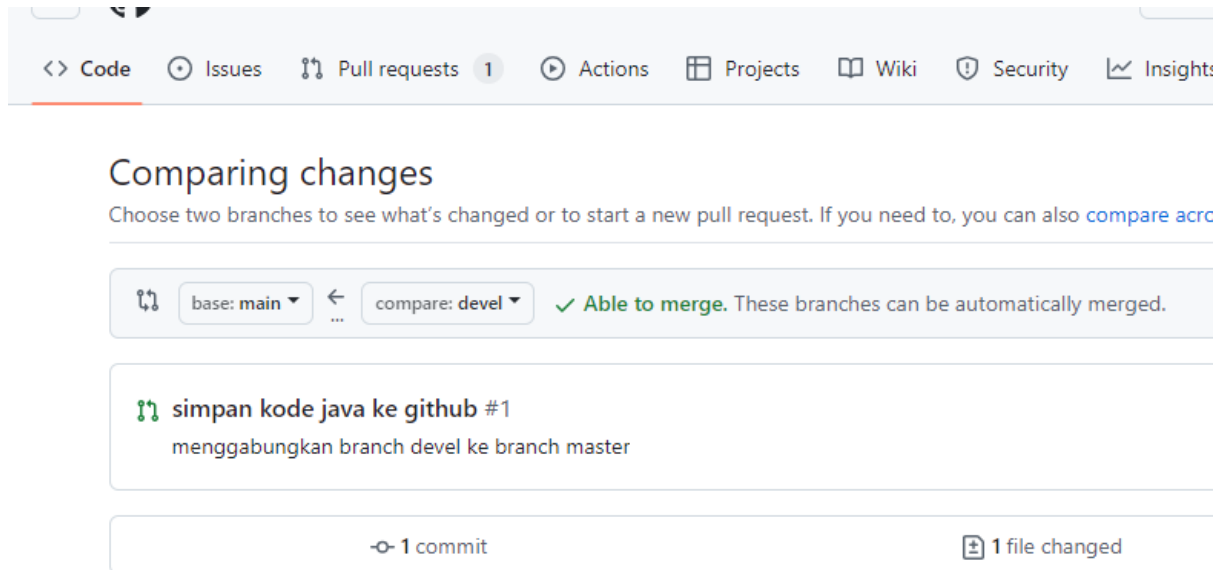
3. compare & pull request



The screenshot shows the GitHub repository page for `daspro-jobsheet2` by user `sandy221`. The page includes the following elements:

- Repository Header:** Shows the repository name `daspro-jobsheet2` as public, with buttons for `Unpin` and `Unwatch`.
- Branches:** A dropdown menu shows `devel` as the selected branch. It indicates `2 Branches` and `0 Tags`.
- Commit Information:** A message states "This branch is 1 commit ahead of main".
- Commit List:** A table of recent commits:

Commit	Message	Time
<code>4a8b6a8</code>	simpan kode java ke github	18 minutes ago
<code>4a8b6a8</code>	simpan kode java ke github	18 minutes ago
<code>4a8b6a8</code>	commit pertama saya lho	2 hours ago

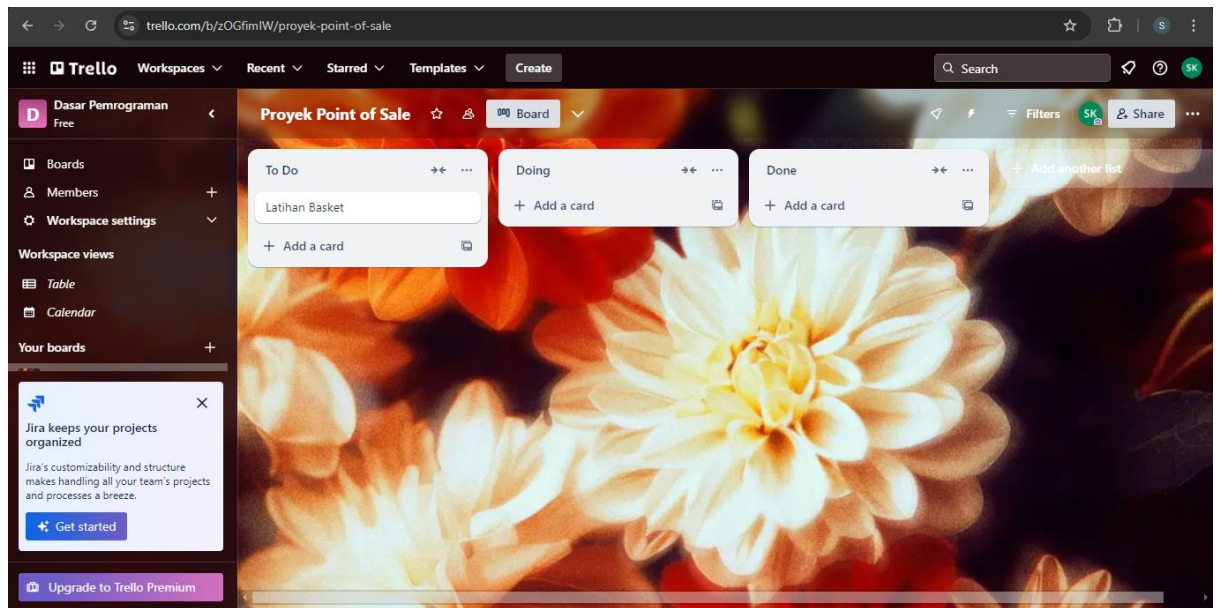


PERTANYAAN

1. Fungsi utama dari pull request adalah untuk mengusulkan perubahan (modifikasi kode, penambahan fitur, atau perbaikan bug) dari satu branch ke branch lain dalam repository proyek.
2. Fungsi utama perintah git branch adalah untuk membuat, membuat daftar, mengganti nama, dan menghapus cabang. Untuk mengoperasikan lebih lanjut cabang yang dihasilkan, perintah tersebut biasanya digunakan dengan perintah lain seperti git checkout.

PERCOBAAN 3

1. Membuat akun di Trello



Pertanyaan :

1. Mengklik add tambahkan akun teman teman menggunakan gmail
2. Bisa, dengan menggunakan template yang tersedia di trello