

# **LAPORAN PRAKTIKUM 2**

## **SISTEM VERSION CONTROL DAN KANBAN BOARD**



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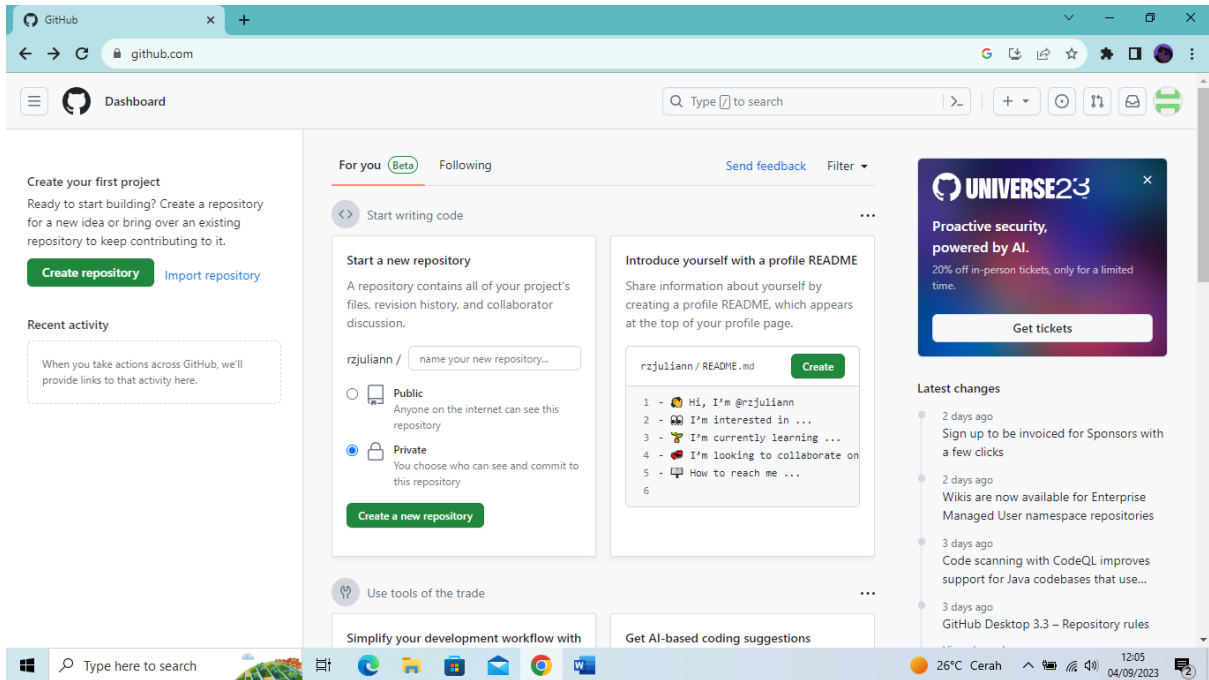
**KELAS : 1B**

**PRODI : D4 TEKNIK INFORMATIKA**

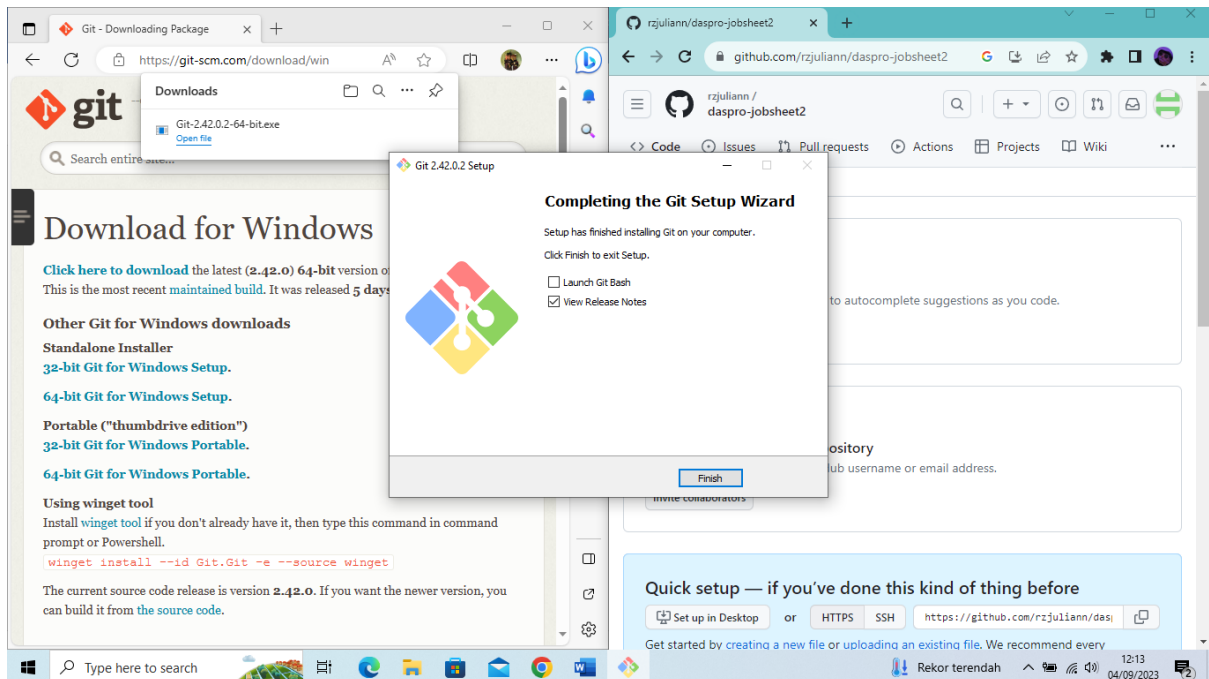
# DASPRO-JOBSHEET 2

## PERCOBAAN 1

- Membuat akun Github



- Menginstall git client

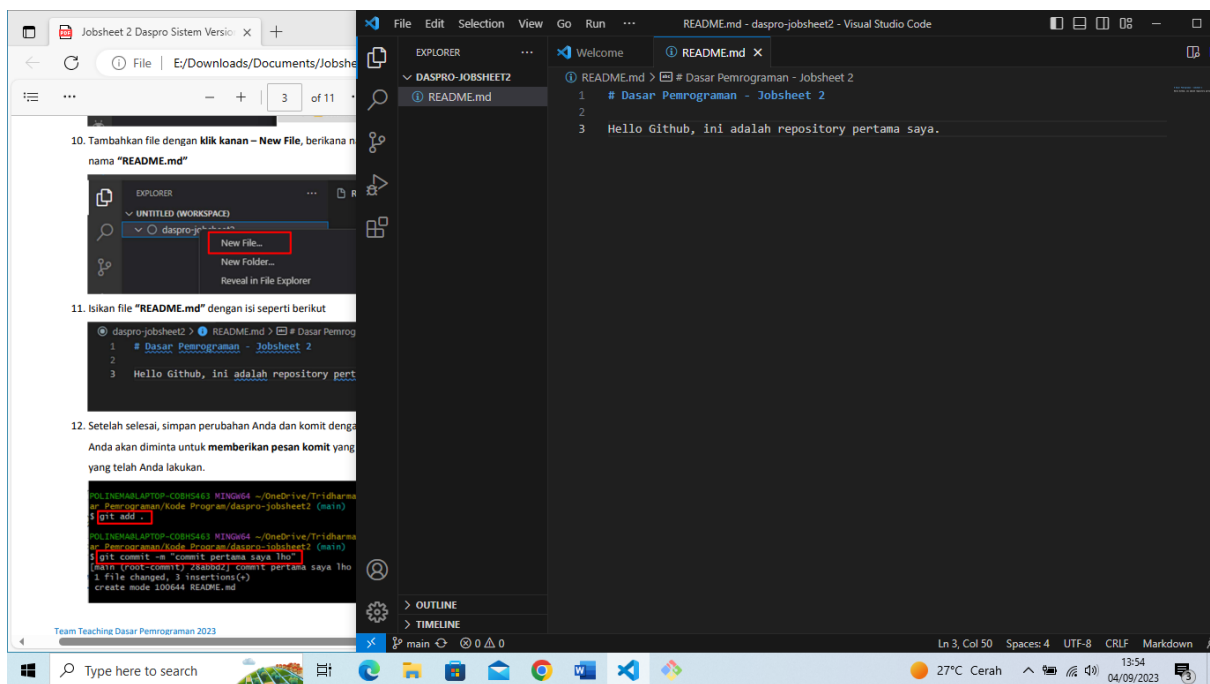


```
MINGW64:/c/Users/lianb/daspro-jobsheet2
NetHood
OneDrive
PrintHood
Recent
Saved\ Games
Searches
SendTo
Start\ Menu
Templates
Tracing
Videos
daspro-jobsheet2
ntuser.dat.LOG1
ntuser.dat.LOG2
ntuser.ini

lianb@DESKTOP-MRK2JVF MINGW64 ~
$ dir daspro-jobsheet2

lianb@DESKTOP-MRK2JVF MINGW64 ~
$ cd daspro-jobsheet2/

lianb@DESKTOP-MRK2JVF MINGW64 ~/daspro-jobsheet2 (main)
$
```



- **git push origin main** akan mengirimkan perubahan ke branch di GitHub

```

MINGW64:/c/Users/lianb/OneDrive/Desktop/daspro-jobsheet2
remote: Please see https://docs.github.com/en/get-started/getting-started-with-g
it/about-remote-repositories#cloning-with-https-urls for information on currentl
y recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/rzjuliann/daspro-jobsheet2.
git/'

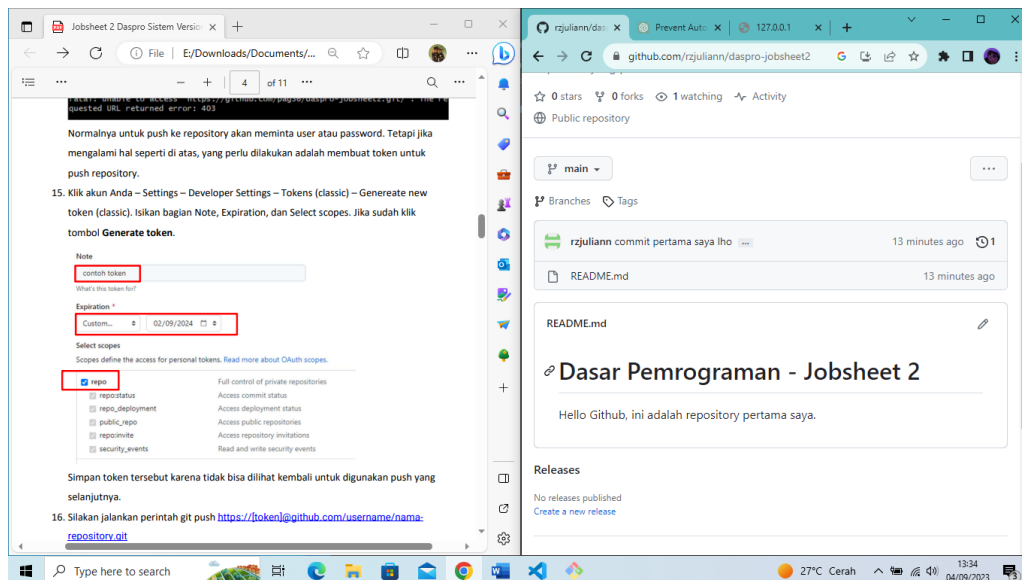
lianb@DESKTOP-MRK2JVF MINGW64 ~/OneDrive/Desktop/daspro-jobsheet2 (main)
$ git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 296 bytes | 74.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rzjuliann/daspro-jobsheet2.git
 * [new branch]      main -> main

lianb@DESKTOP-MRK2JVF MINGW64 ~/OneDrive/Desktop/daspro-jobsheet2 (main)
$ git push origin main
Everything up-to-date

lianb@DESKTOP-MRK2JVF MINGW64 ~/OneDrive/Desktop/daspro-jobsheet2 (main)
$ S

```

- Tampilan Di GitHub setelah melakukan git push



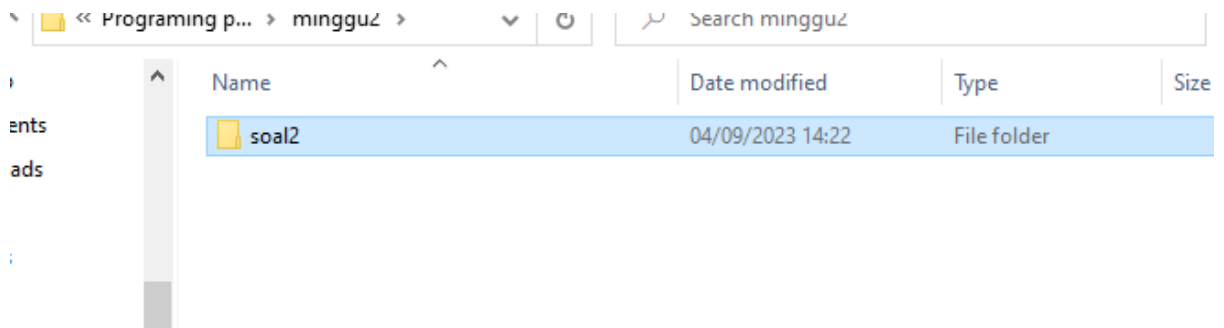
1. Jelaskan perbedaan perintah git commit dan git push?

**JAWAB:**

**Git Commit** digunakan untuk menyimpan perubahan yg ada di repository  
**Git Push** digunakan Untuk memperbarui/upload repositori di GitHub dengan perubahan yang telah dilakukan

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

1. Membuat File baru



```
F: > KULIAH > Programing pemula > minggu2 > soal2 > readme.md > # Hallo ini Percobaan
1 # Hallo ini Percobaan
2
3 ini menjawab no 2
```

2. Masukkan code **cd** ke dalam letak file baru

```
MINGW64:/f/kuliah/Programing pemula/minggu2/soal2
bash$ cd: too many arguments

ianb@DESKTOP-MRK2JVF MINGW64 /f
$ cd kuliah

ianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah
$ cd programing pemula
bash: cd: too many arguments

ianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah
$ dir
ath\ Dasar  Programing\ pemula

ianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah
$ cd Programing\ pemula

ianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula
$ cd minggu2

ianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2
$ cd soal2

ianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2
```

### 3. Masukkan command

```
lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2
$ git init
initialized empty Git repository in F:/KULIAH/Programing pemula/minggu2/soal2/.git/

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2 (master)
$ git init
reinitialized existing Git repository in F:/KULIAH/Programing pemula/minggu2/soal2/.git/

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2 (master)
$ git add .

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2 (master)

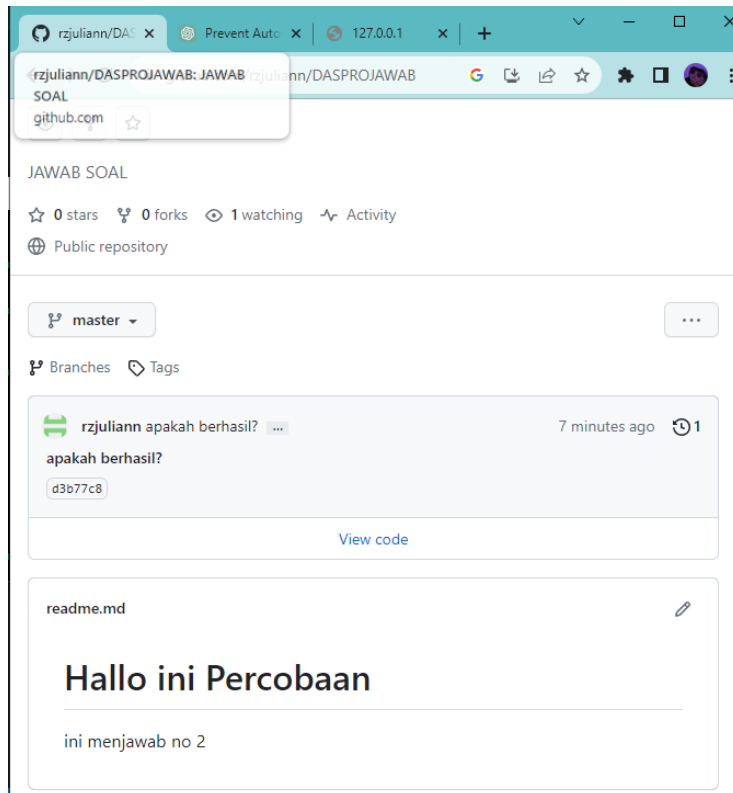
lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2 (mas
$ git commit -m "apakah berhasil?"
[master (root-commit) d3b77c8] apakah berhasil?
 2 files changed, 6 insertions(+)
 create mode 100644 pembuktiansoal2
 create mode 100644 readme.md

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2 (master)
$ git remote add baruuu https://github.com/rzjuliann/DASPROJAWAB.git

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2 (master)
$ get push -u baruuu master
bash: get: command not found

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/soal2 (master)
$ git push -u baruuu master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 275 bytes | 137.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/rzjuliann/DASPROJAWAB.git
 * [new branch]      master -> master
branch 'master' set up to track 'baruuu/master'.
```

#### 4. Cek GitHub



## PERCOBAAN 2

```
lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2
$ cd daspro-jobsheet2

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/daspro-jobsheet2 (main)
$ git branch julian

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/daspro-jobsheet2 (main)
$ git checkout julian
Switched to branch 'julian'

lianb@DESKTOP-MRK2JVF MINGW64 /f/kuliah/Programing pemula/minggu2/daspro-jobsheet2 (julian)
$
```


Sebelum membuat Kembali ke file daspro


Membuat branch, Gunakan perintah git branch nama-branch untuk membuat branch baru dan git checkout nama-branch untuk beralih ke branch tersebut.

```
MyFirstJavaGithub01.java / MyFirstJavaGithub01 / main(string[])
1, U
1  public class MyFirstJavaGithub01 {
2
3  public static void main(string[] args){
4
5      System.out.println(x:"Hello from Github");
6  }
7  }
8
```

Selanjutnya lakukan commit seperti perintah

simpan kode java ke Github

 julian

 rzjuliann committed 5 minutes ago

1 parent 72ece9e commit eb93766

Showing 1 changed file with 7 additions and 0 deletions.

Split

Unified

7 MyFirstJavaGithub01.java

@@ -0,0 +1,7 @@

1 + public class MyFirstJavaGithub01 {

2 +

3 + public static void main(String[] args){

4 +

5 + System.out.println("Hello from Github");

6 + }

7 + }

Lock conversation

0 comments on commit eb93766


Setelah comit ini tampilan di github




# simpan kode java ke Github #1



 **Merged** rzjuliann merged 1 commit into `main` from `julian`  now



Conversation **0** Commits **1** Checks **0** Files changed **1**

 **rzjuliann** commented 1 minute ago Owner ...

Menggabungkan branch devel dan branch master



  simpan kode java ke Github eb93766

  **rzjuliann** merged commit `d694fd2` into `main` now Revert

**Pull request successfully merged and closed**  
You're all set—the `julian` branch can be safely deleted.

Delete branch

Write Preview

Setelah dilakukannya Compare & pull request dan ikutin Langkah, menghasilkan seperti di atas

## PERTANYAAN

1. Jelaskan fungsi dari Pull requests!  
Untuk menggabungkan beberapa branch dalam 1 main
2. Mengapa kita perlu membuat sebuah branch, manfaatnya apa?  
Agar file satu dengan yg lain tidak tercampur