



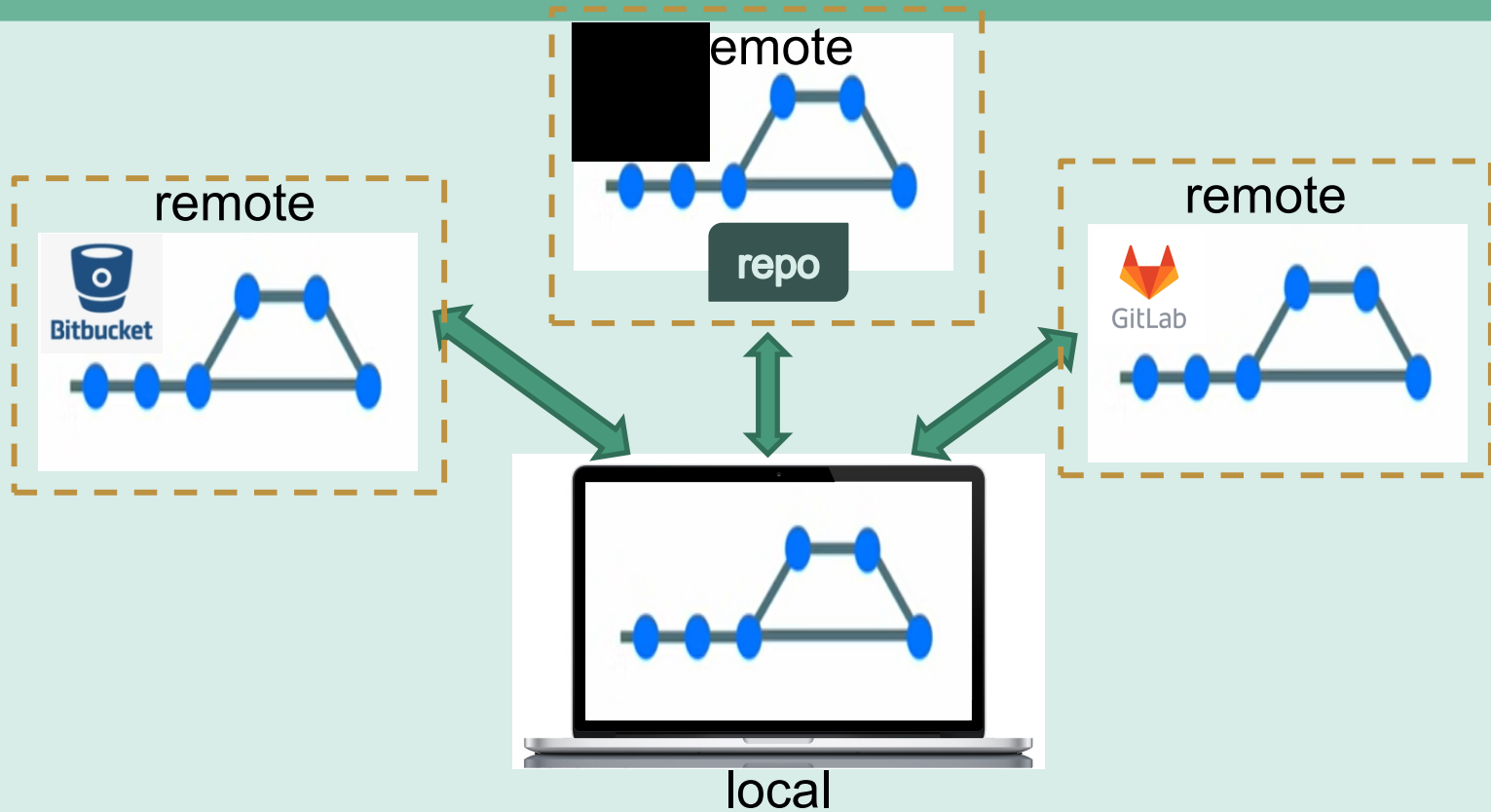
# GIT REMOTE

---

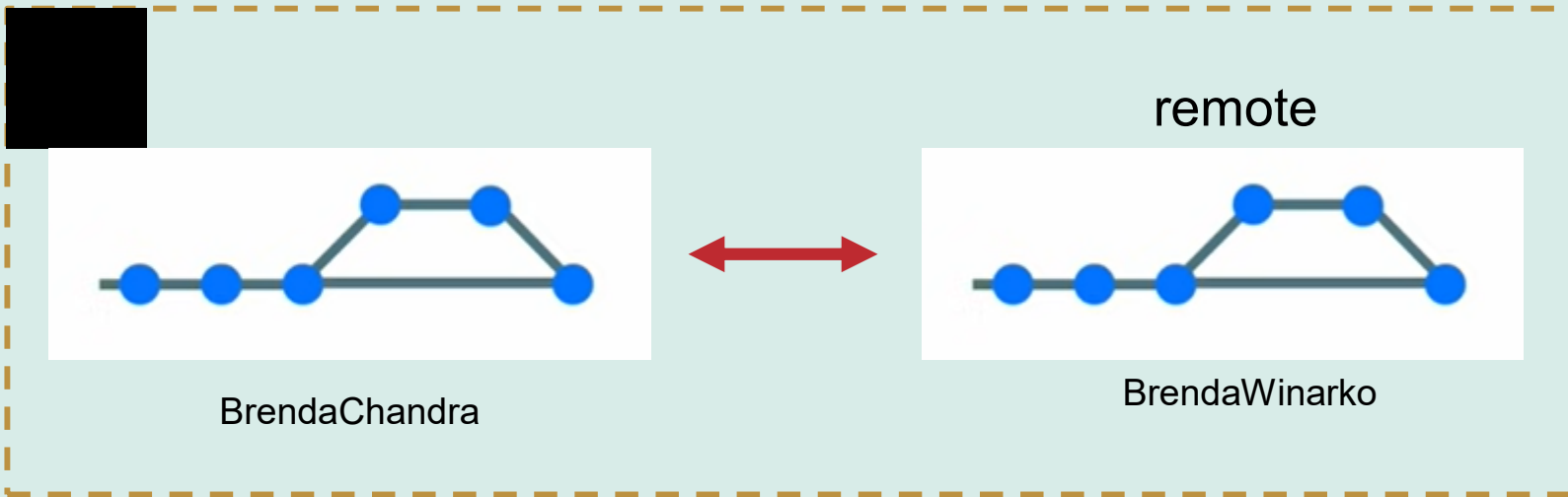
---

Dr. T. Benda Chandrawati, ST., MT

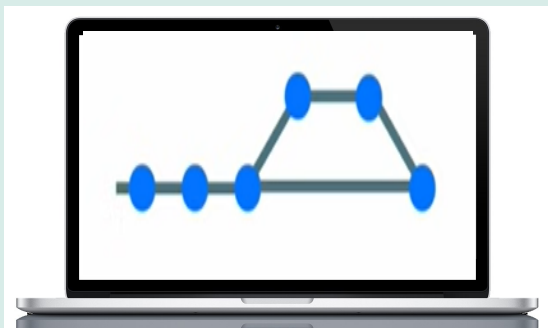
# Introduction



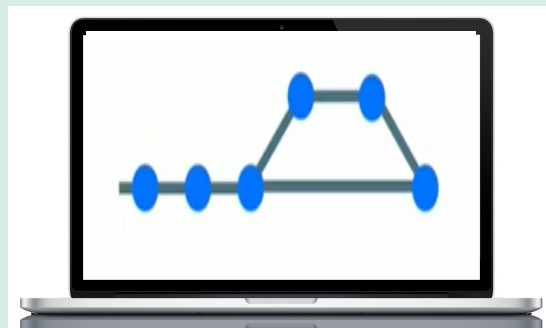
# Introduction



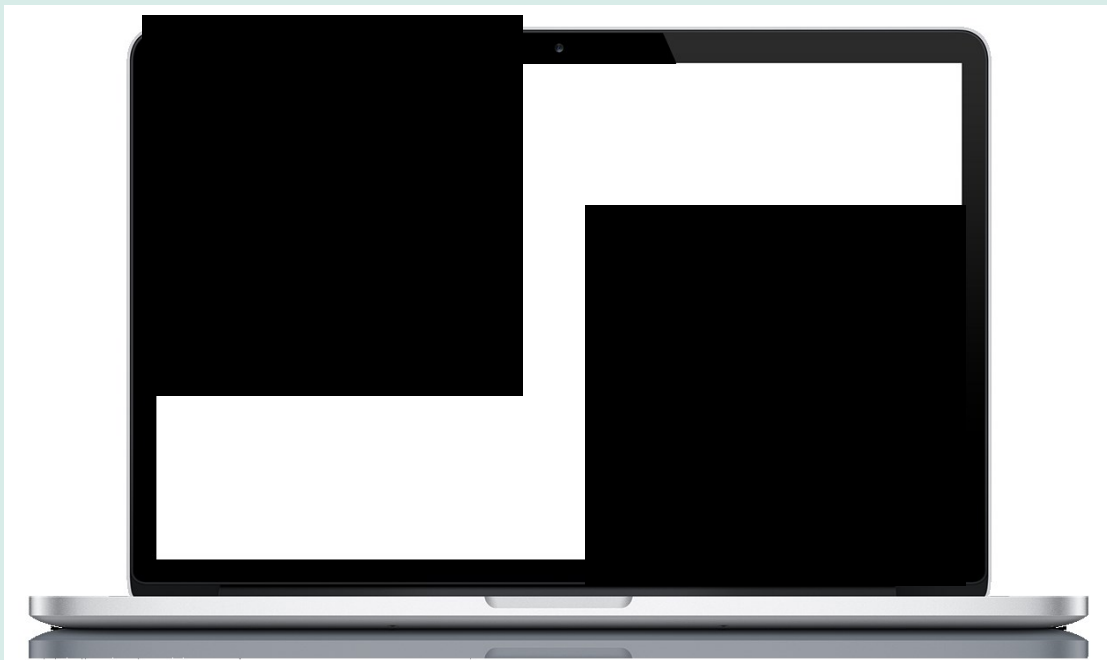
# Introduction



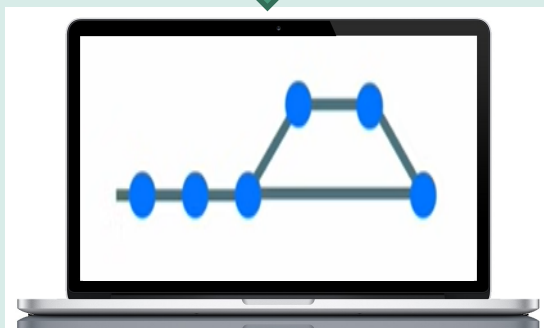
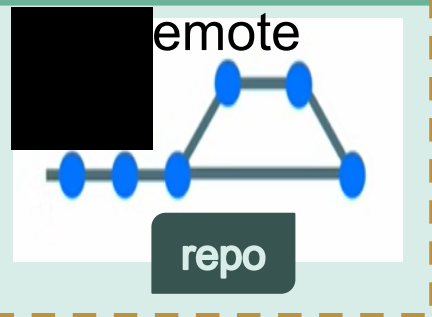
Remote



# Introduction



# Introduction



local



Let's try

---

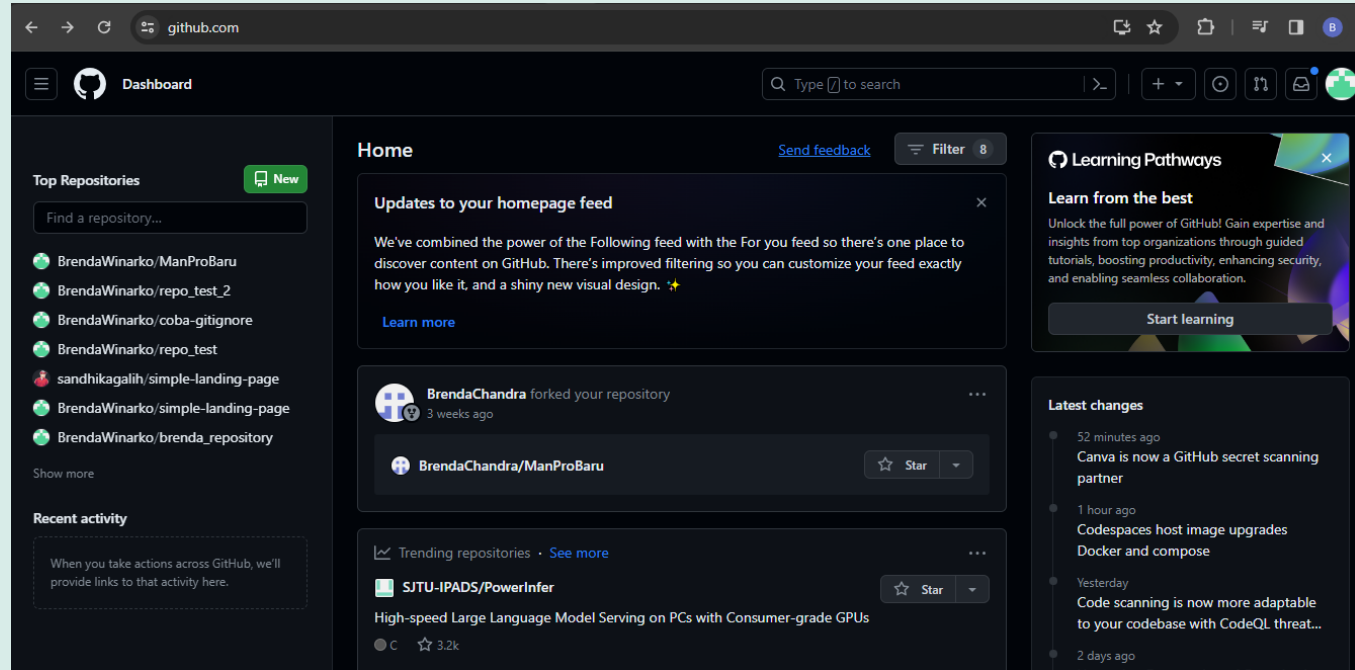


● di komputer belum ada,  
ambil dari github

KASUS 1 - CLONING



1. Buka github akun masing-masing
2. Buat repo baru





New repository

🔍 Type to search



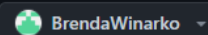
## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?

[Import a repository.](#)

*Required fields are marked with an asterisk (\*).*

Owner \*



Repository name \*

/ CobaRemote

✔ CobaRemote is available.

Great repository names are short and memorable. Need inspiration? How about [automatic-octo-telegram](#) ?

Description (optional)

Repo untuk mencoba Git Remote



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:



Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

BrendaWinarko / **CobaRemote**

Q Type to search

>

+ ▾

🔄

📧

<> Code ⌚ Issues 🔗 Pull requests ▶ Actions 📁 Projects 📖 Wiki 🛡 Security 📈 Insights ⚙ Settings

**CobaRemote** Public

📌 Pin

👁 Unwatch 1 ▾

🍴 Fork 0 ▾

☆ Star 0 ▾

🔗 main ▾

🔗 1 Branch

🏷 0 Tags

Q Go to file

t

Add file ▾

<> Code ▾

About ⚙

**BrendaWinarko** Initial commit 94c85a1 · now 🕒 1 Commits

📄 README.md

Initial commit

now

📖 README

# CobaRemote

Repo untuk mencoba Git Remote

**About**

Repo untuk mencoba Git Remote

📖 Readme

📈 Activity

☆ 0 stars

👁 1 watching

🍴 0 forks

**Releases**

No releases published

[Create a new release](#)

BrendaWinarko / **CobaRemote**

Q Type to search

>

+

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

CobaRemote

Public

Pin

Unwatch 1

Fork 0

Star 0

main

1 Branch

0 Tags

Go to file

t

Add file

<> Code

BrendaWinarko

Initial commit

README.md

Initial commit

README

# CobaRemote

Repo untuk mencoba Git Remote

Local

Codespaces

Clone

?

HTTPS

SSH

GitHub CLI

https://github.com/BrendaWinarko/CobaRemote.git

Use Git or checkout with SVN using the web URL.

Open with GitHub Desktop

Open with Visual Studio

Download ZIP

About

Repo untuk mencoba Git Remote

Readme

Activity

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

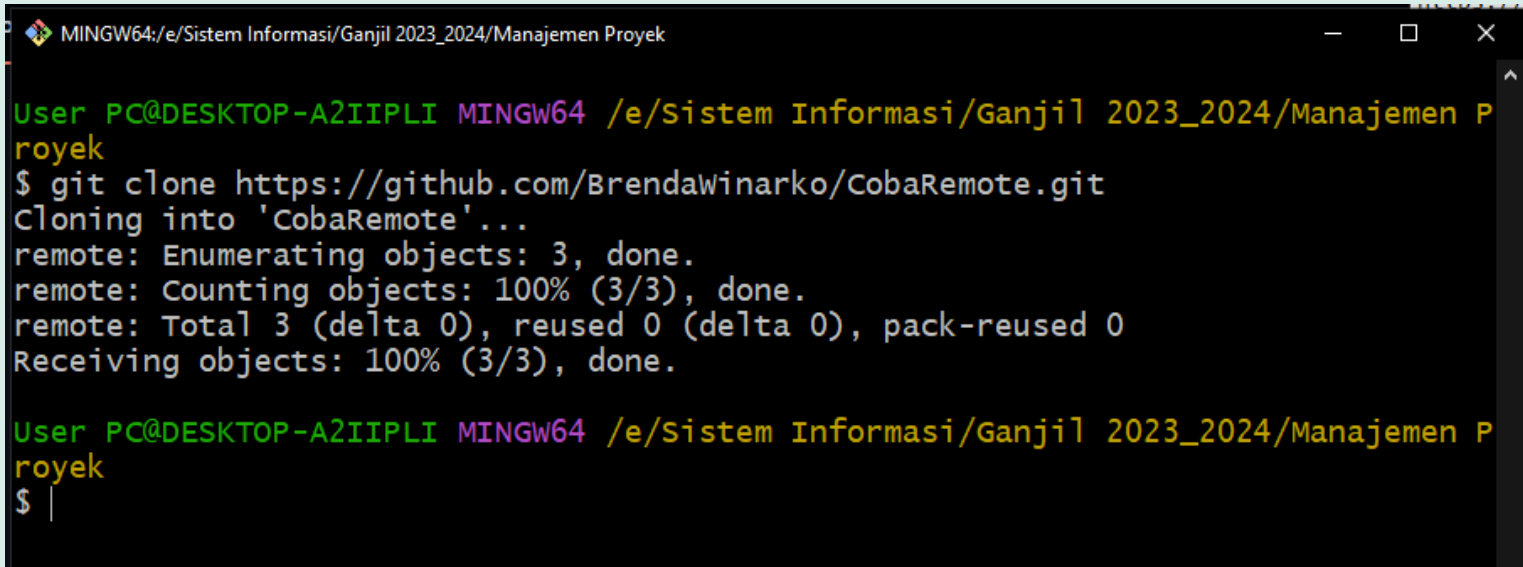
- 4. Simpan di dalam desktop
- 5. Buka git bash dalam desktop



```

> This PC > HDD (E:) > Sistem Informasi > Ganjil 2023_2024 > Manajemen Proyek
MINGW64:/e/Sistem Informasi/Ganjil 2023_2024/Manajemen Proyek
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P
royek
$ |
```

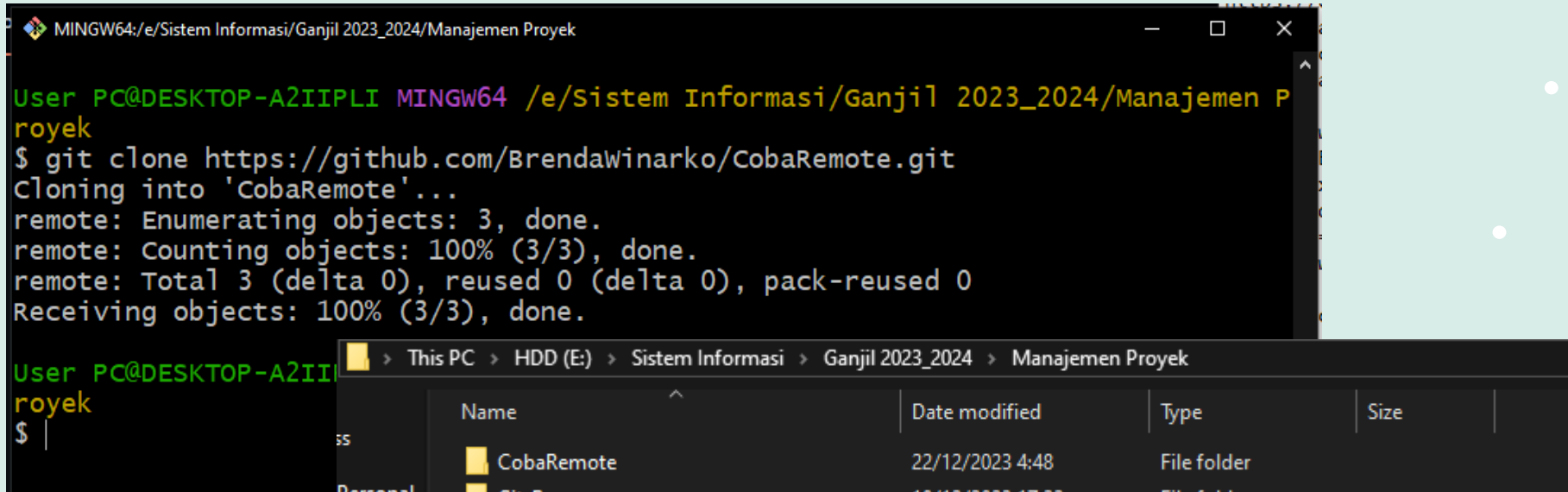
6. Ketik : \$ git clone <alamat github yang sudah dicopy>

A screenshot of a terminal window with a black background and white text. The window title is 'MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek'. The prompt is 'User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek'. The command entered is '\$ git clone https://github.com/Brendawinarko/CobaRemote.git'. The output shows the cloning process: 'Cloning into 'CobaRemote'...', 'remote: Enumerating objects: 3, done.', 'remote: Counting objects: 100% (3/3), done.', 'remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0', and 'Receiving objects: 100% (3/3), done.'. The prompt '\$ |' is visible at the bottom.

```
MINGW64:/e/Sistem Informasi/Ganjil 2023_2024/Manajemen Proyek
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen Proyek
$ git clone https://github.com/Brendawinarko/CobaRemote.git
Cloning into 'CobaRemote'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen Proyek
$ |
```

6. Ketik : \$ git clone <alamat github yang sudah dicopy>



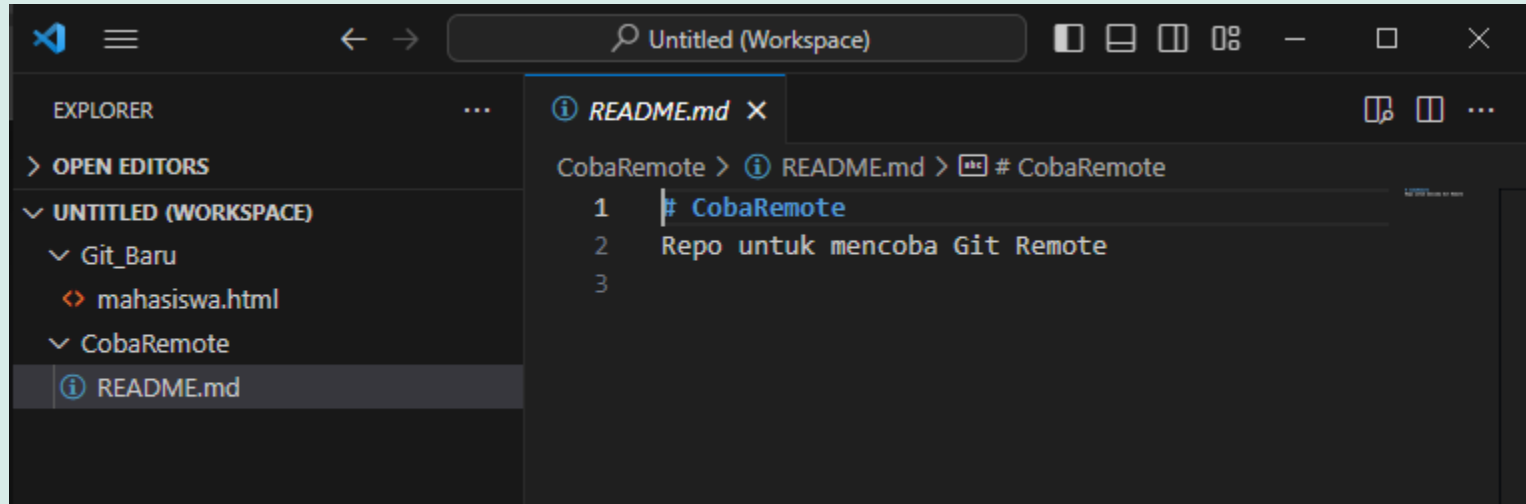
The image shows a Windows environment with a terminal window and a file explorer. The terminal window, titled 'MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek', displays the command `$ git clone https://github.com/Brendawinarko/CobaRemote.git` and its output, indicating a successful clone. The file explorer, titled 'This PC > HDD (E:) > Sistem Informasi > Ganjil 2023\_2024 > Manajemen Proyek', shows a new folder named 'CobaRemote' created on 22/12/2023 at 4:48.

```
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P
royek
$ git clone https://github.com/Brendawinarko/CobaRemote.git
Cloning into 'CobaRemote'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
```

Name	Date modified	Type	Size
CobaRemote	22/12/2023 4:48	File folder	

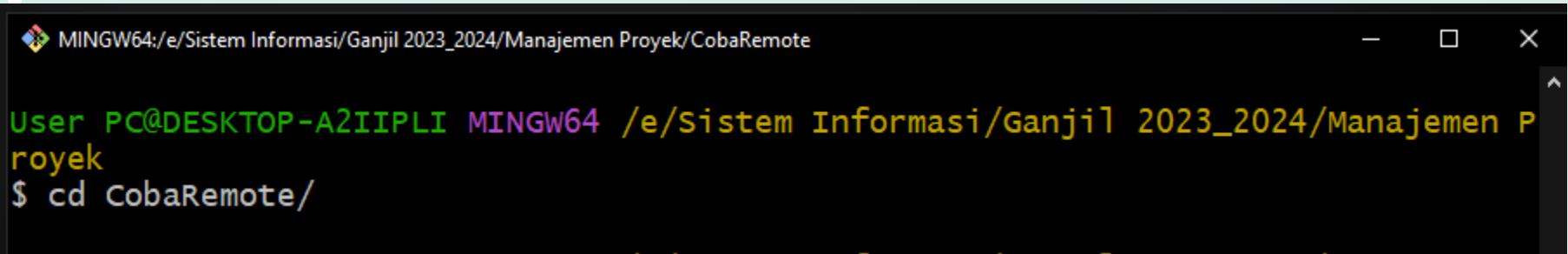
7. Buka sublime text/visual code

8. Drag folder repo\_test ke dalam sublime text/visual code





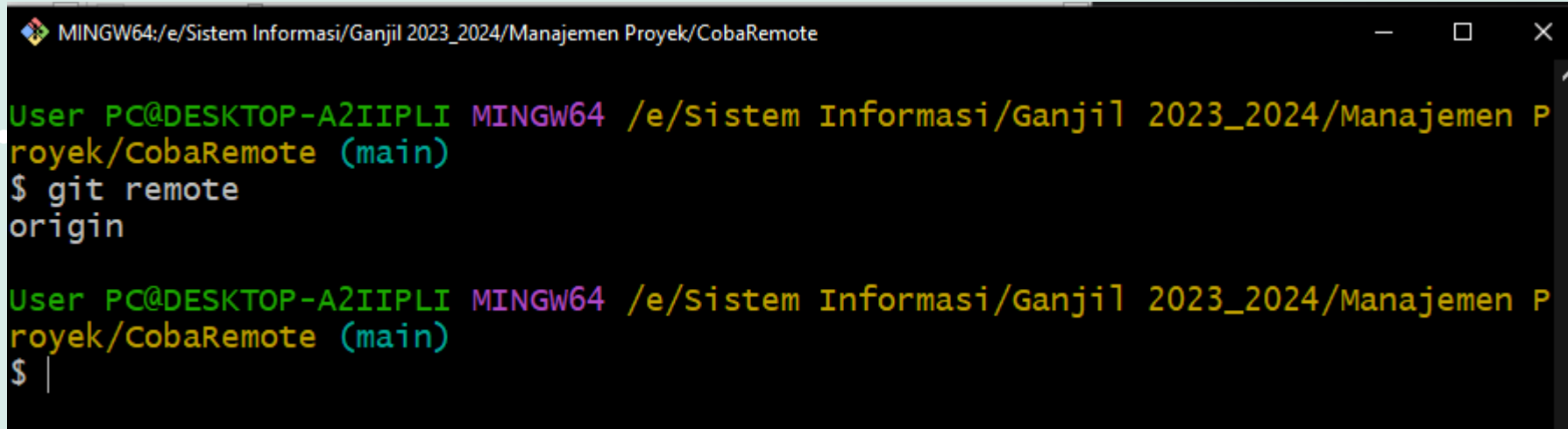
9. Balik ke git bash, pindah ke direktori  
CobaRemote



```
MINGW64:/e/Sistem Informasi/Ganji1 2023_2024/Manajemen Proyek/CobaRemote
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganji1 2023_2024/Manajemen P
royek
$ cd CobaRemote/
```

The image shows a Windows Command Prompt window with a black background and white text. The title bar at the top reads "MINGW64:/e/Sistem Informasi/Ganji1 2023\_2024/Manajemen Proyek/CobaRemote". The command prompt shows the user "PC@DESKTOP-A2IIPLI" in the "MINGW64" environment, currently in the directory "/e/Sistem Informasi/Ganji1 2023\_2024/Manajemen Proyek". The user has entered the command "\$ cd CobaRemote/" to navigate to the "CobaRemote" subdirectory.

10. Di git bash, ketik : `$ git remote`  
Nama default remote : origin



```
MINGW64:/e/Sistem Informasi/Ganjil 2023_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P
royek/CobaRemote (main)
$ git remote
origin

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P
royek/CobaRemote (main)
$ |
```

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

```
$ git remote  
origin
```

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

```
$ git remote -v  
origin https://github.com/Brendawinarko/CobaRemote.git (fetch)  
origin https://github.com/Brendawinarko/CobaRemote.git (push)
```

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

```
$ |
```



`$ git remote -v`

Untuk melihat lebih detail

Fetch

Push

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ |

Branch yang ada di local namanya sama dengan branch yang ada di origin/master/main

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git status

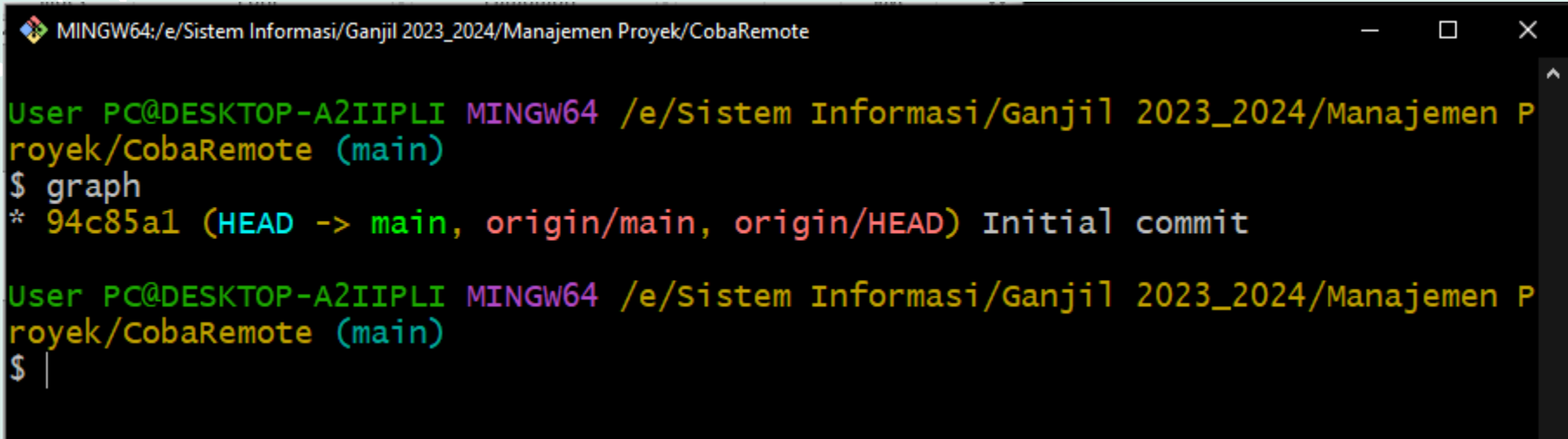
On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ alias graph="git log --all --decorate --oneline --graph"


A screenshot of a Windows terminal window with a black background and colored text. The title bar shows the path 'MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote'. The terminal displays the output of the 'git graph' command, showing a single commit with three branches pointing to it. The prompt is 'User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote (main)'.

```
MINGW64:/e/Sistem Informasi/Ganjil 2023_2024/Manajemen Proyek/CobaRemote

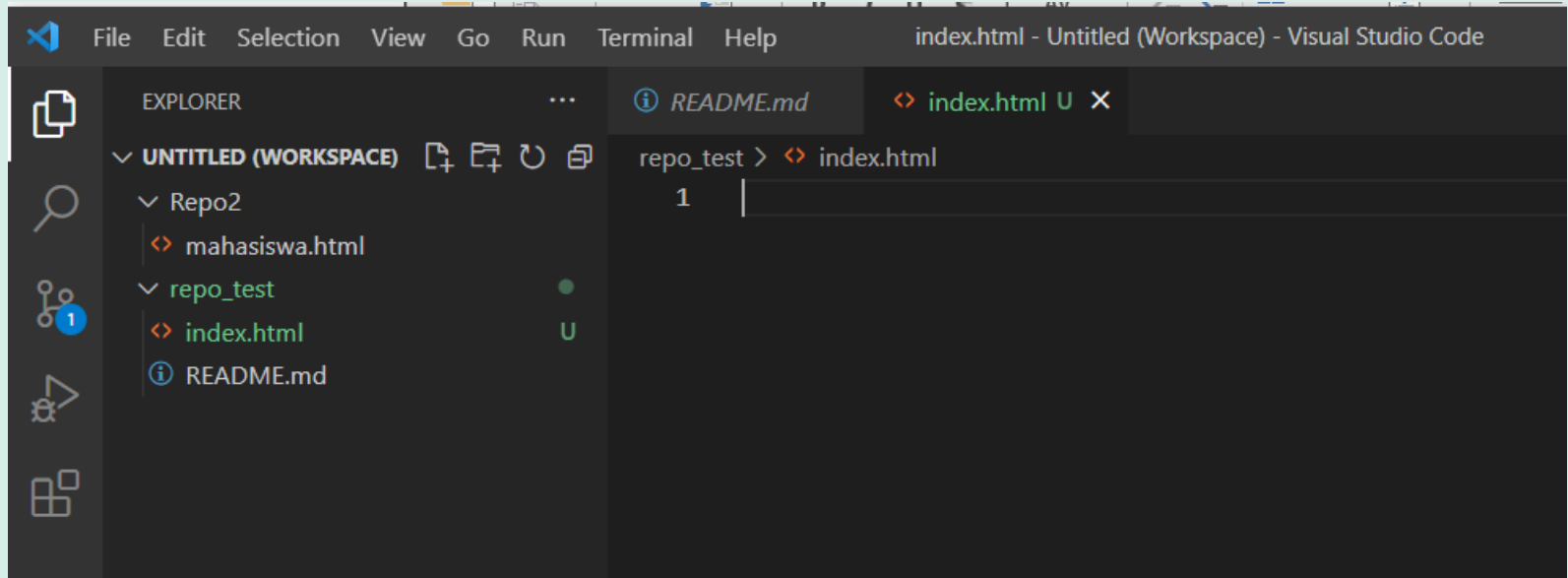
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P
royek/CobaRemote (main)
$ graph
* 94c85a1 (HEAD -> main, origin/main, origin/HEAD) Initial commit

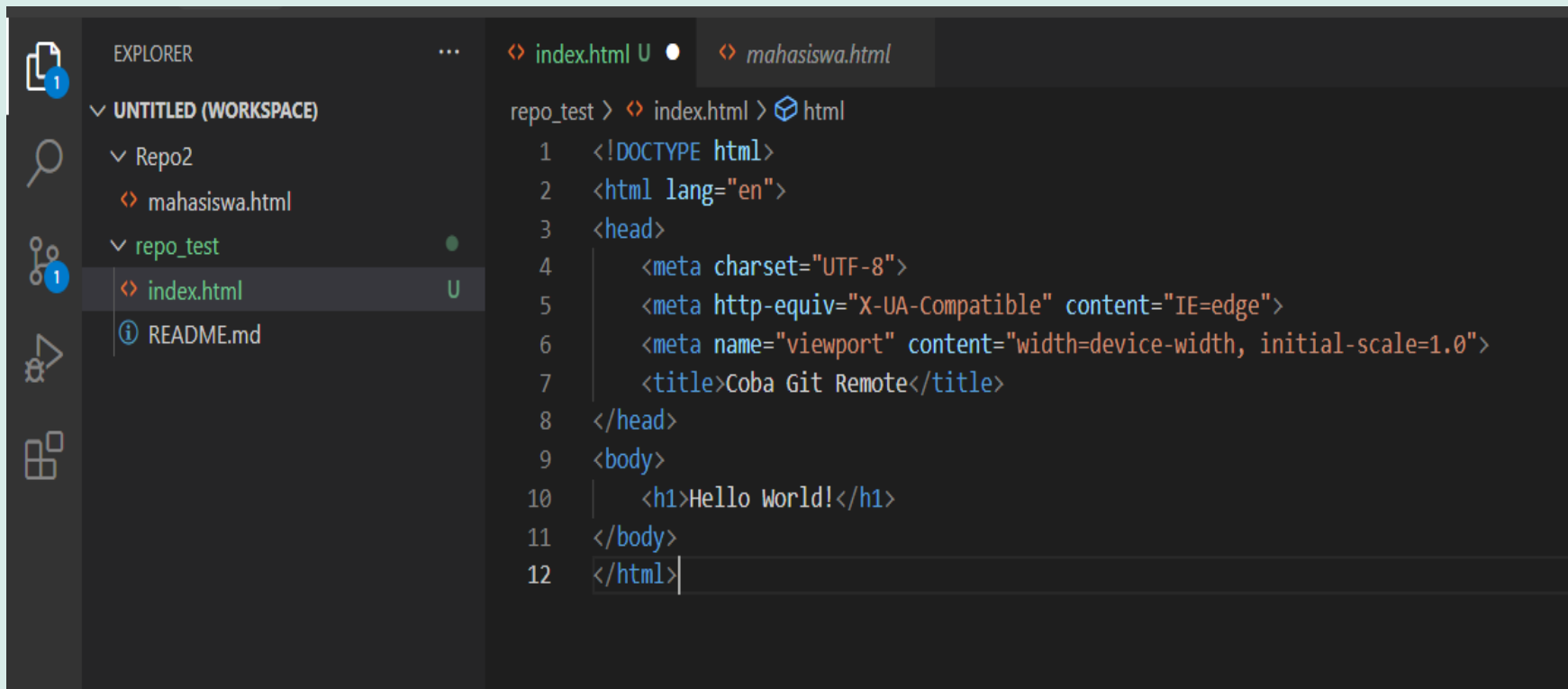
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P
royek/CobaRemote (main)
$ |
```

Terdapat satu commit (tanda bintang) yang didalamnya ada tiga buah branch.

- 
- Di local kita, akan dilakukan penambahan /sesuatu, misal menambahkan file baru
  - Buka sublime text/visual code, buat file baru dengan nama index.html







MINGW64:/c/Users/User/Desktop/repo\_test

User@MSI MINGW64 ~/Desktop/repo\_test (main)

\$ git status

On branch main

Your branch is up to date with 'origin/main'.

Untracked files:

(use "git add <file>..." to include in what will be committed)  
index.html

nothing added to commit but untracked files present (use "git add" to track)

User@MSI MINGW64 ~/Desktop/repo\_test (main)

\$ |

18

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)  
\$ git add .

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)  
\$ git commit -m "Menambahkan file index.html"  
[main cb07452] Menambahkan file index.html  
1 file changed, 12 insertions(+)  
create mode 100644 index.html

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)  
\$ |

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote (main)

\$ git status

On branch main

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

nothing to commit, working tree clean

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote (main)

\$ |

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)


\$ graph


\* cb07452 (HEAD -> main) Menambahkan file index.html

\* 94c85a1 (origin/main, origin/HEAD) Initial commit

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ |

- 
- Branch yang kita punya mendahului branch yang ada di origin remote kita → tidak sama antara origin remote dan local
  - Supaya sama, kirim perubahan ke remote kita dengan ketik : `$ git push`



MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)  
\$ git push



```
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P  
royek/CobaRemote (main)  
$ git push
```

Connect to GitHub



## GitHub Sign in

Browser/Device

Token

Sign in with your browser

Sign in with a code

Don't have an account? [Sign up](#)

18

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git push

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 4 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 486 bytes | 486.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/Brendawinarko/CobaRemote.git

94c85a1..cb07452 main -> main

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ |

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git push

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 4 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 486 bytes | 486.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/BrendaWinarko/CobaRemote.git

94c85a1..cb07452 main -> main

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ graph

\* cb07452 (HEAD -> main, origin/main, origin/HEAD) Menambahkan file index.html

\* 94c85a1 Initial commit

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ |

## CobaRemote

Public

main 1 Branch 0 Tags

BrendaWinarko Menambahkan file

README.md

index.html

README

## CobaRemote

Repo untuk mencoba Git Remote

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

```
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P  
royek/CobaRemote (main)
```

```
$ git push
```

```
Enumerating objects: 4, done.
```

```
Counting objects: 100% (4/4), done.
```

```
Delta compression using up to 4 threads
```

```
Compressing objects: 100% (3/3), done.
```

```
Writing objects: 100% (3/3), 486 bytes | 486.00 KiB/s, done.
```

```
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
```

```
To https://github.com/Brendawinarko/CobaRemote.git
```

```
94c85a1..cb07452 main -> main
```

```
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P  
royek/CobaRemote (main)
```

```
$ graph
```

```
* cb07452 (HEAD -> main, origin/main, origin/HEAD) Menambahkan file index.html
```

```
* 94c85a1 Initial commit
```

```
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P  
royek/CobaRemote (main)
```

```
$ |
```

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git config --list

diff.astextplain.textconv=astextplain

filter.lfs.clean=git-lfs clean -- %f

filter.lfs.smudge=git-lfs smudge -- %f

filter.lfs.process=git-lfs filter-process

filter.lfs.required=true

http.sslbackend=openssl

http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt

core.autocrlf=true

core.fscache=true

core.symlinks=false

pull.rebase=false

credential.helper=manager

credential.https://dev.azure.com.usehttppath=true

init.defaultbranch=master

user.name=BrendaWinarko

user.email=windakerja22@gmail.com



untuk keluar ketikkan :

: q



untuk perubahan :

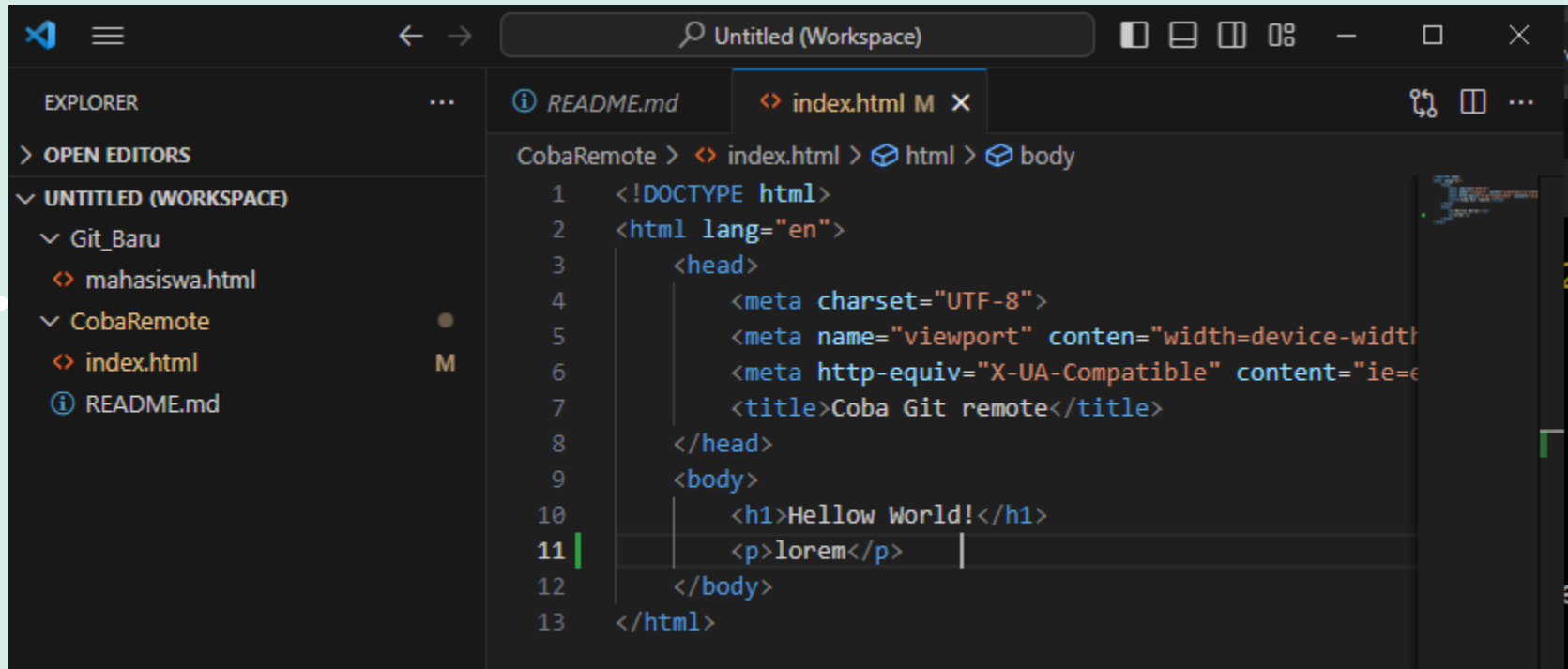
```
$ git config --global user.name "<nama ser>"
```

```
$ git config --global user.email "<alamat email>"
```

Untuk ngecek

```
$ git config --list
```

Buka file index.html



The screenshot shows the Visual Studio Code editor interface. The Explorer sidebar on the left displays the file structure under 'UNTITLED (WORKSPACE)', including 'Git\_Baru', 'mahasiswa.html', 'CobaRemote', 'index.html' (selected), and 'README.md'. The main editor area shows the content of 'index.html' with the following HTML code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <meta http-equiv="X-UA-Compatible" content="ie=edge">
7     <title>Coba Git remote</title>
8   </head>
9   <body>
10    <h1>Hellow World!</h1>
11    <p>lorem</p>
12  </body>
13 </html>
```



MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

no changes added to commit (use "git add" and/or "git commit -a")

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ |

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

no changes added to commit (use "git add" and/or "git commit -a")

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git commit -am "Menambahkan paragraf"

[main 87049dd] Menambahkan paragraf

1 file changed, 1 insertion(+)

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ |

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ graph

\* 87049dd (HEAD -> main) Menambahkan paragraf

\* cb07452 (origin/main, origin/HEAD) Menambahkan file index.html

\* 94c85a1 Initial commit

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ |

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/CobaRemote

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git push

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 4 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 338 bytes | 338.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/Brendawinarko/CobaRemote.git

cb07452..87049dd main -> main

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ |

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git push

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 4 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 338 bytes | 338.00 KiB/s, done.

Total 3 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/Brendawinarko/CobaRemote.git

cb07452..87049dd main -> main

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$

🔗 main ▾

🔗 1 Branch 🔖 0 Tags

🔍 Go to file

t

Add file ▾

<> **Code** ▾



**BrendaWinarko** Menambahkan paragraf

87049dd · 5 minutes ago

🕒 **3 Commits**



README.md

Initial commit

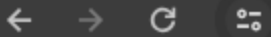
1 hour ago



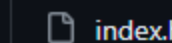
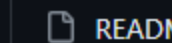
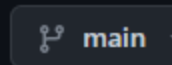
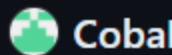
index.html

Menambahkan paragraf

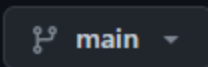
5 minutes ago



<> Code + Issu




## Commits




Commits on Dec 22, 2023


### Menambahkan paragraf

 BrendaWinarko committed 6 minutes ago

### Menambahkan file index.html

 BrendaWinarko committed 31 minutes ago

### Initial commit

 BrendaWinarko committed 1 hour ago

search

ings

Unwatch 1

<> Code

3 Commits

1 hour ago

5 minutes ago

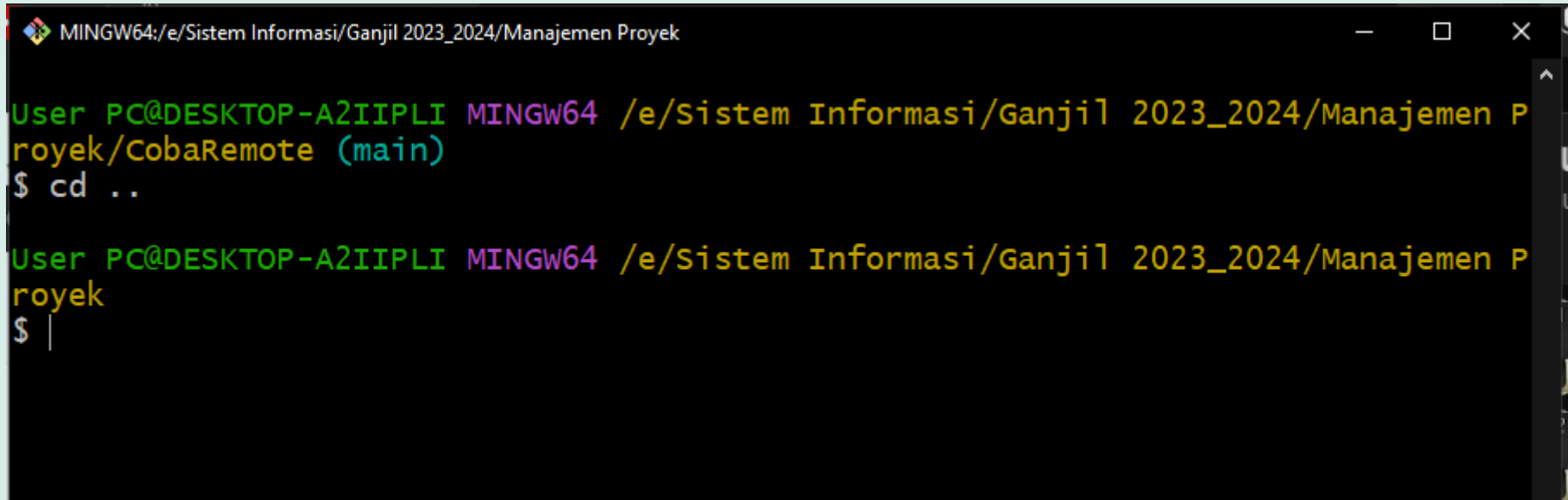


**Punya di local**

KASUS 2



Kembali ke folder semula



```
MINGW64:/e/Sistem Informasi/Ganjil 2023_2024/Manajemen Proyek
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P
royek/CobaRemote (main)
$ cd ..

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023_2024/Manajemen P
royek
$ |
```



Buat folder baru lewat git bash

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/CobaRemote (main)

\$ cd ..

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek

\$ mkdir GitRemote2

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek

\$ cd GitRemote2

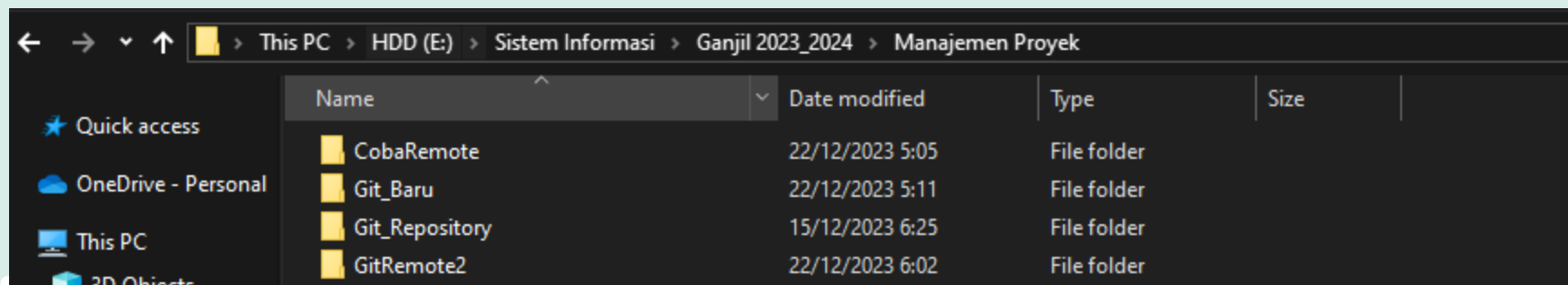
User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2

\$ git init

Initialized empty Git repository in E:/Sistem Informasi/Ganjil 2023\_2024/Manajem  
en Proyek/GitRemote2/.git/

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ |



MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/GitRemote2

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ ls  
index.php

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ git add .

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ git commit -m "Menambahkan file index.php"  
[master (root-commit) 59ef01a] Menambahkan file index.php  
1 file changed, 13 insertions(+)  
create mode 100644 index.php

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ |

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/GitRemote2

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ ls  
index.php

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

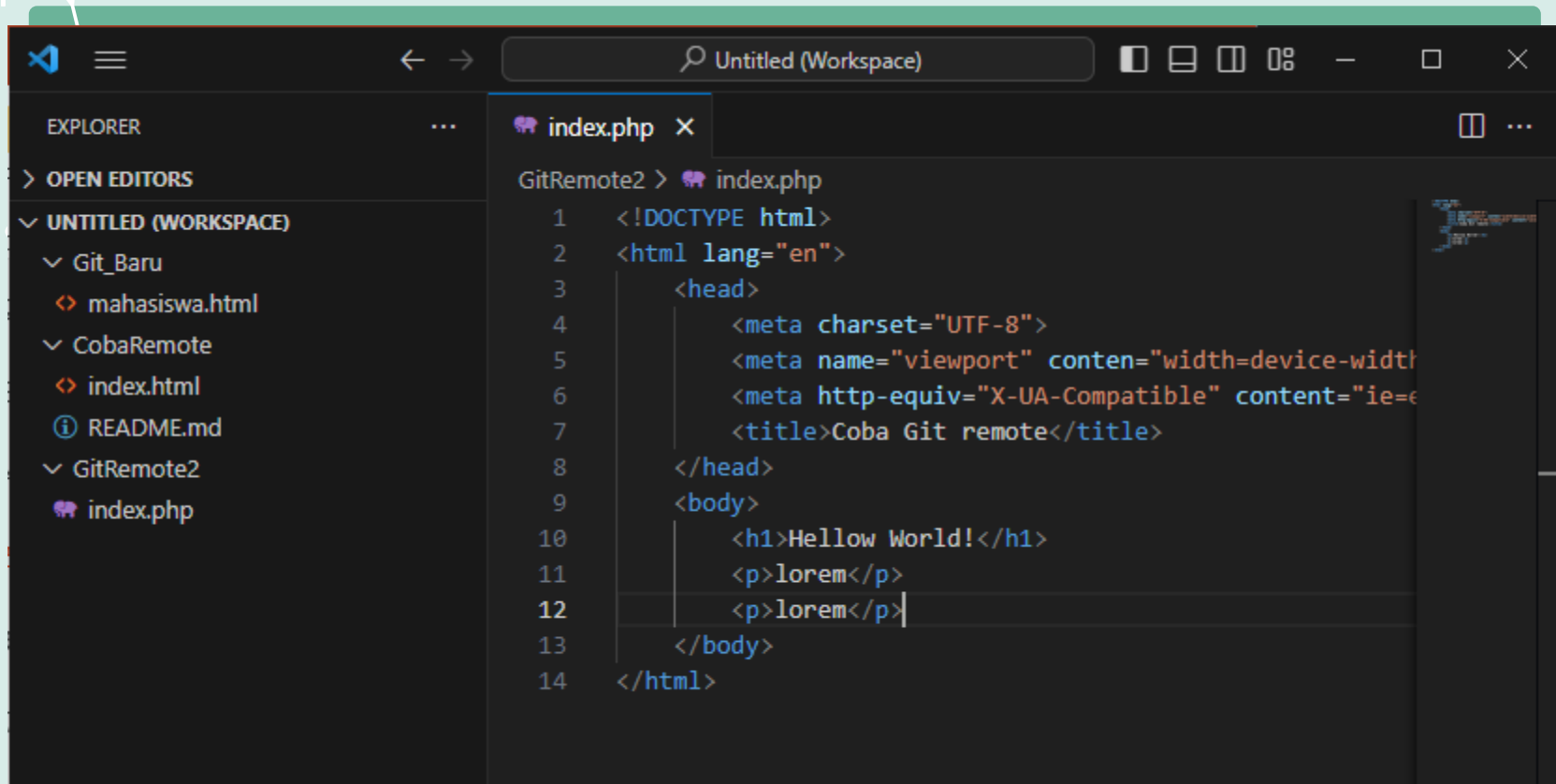
\$ git add .

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ git commit -m "Menambahkan file index.php"  
[master (root-commit) 59ef01a] Menambahkan file index.php  
1 file changed, 13 insertions(+)  
create mode 100644 index.php

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ graph  
\* 59ef01a (HEAD -> master) Menambahkan file index.php



18

MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/GitRemote2

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

```
$ git commit -am "Menambahkan paragraf"
[master f155b11] Menambahkan paragraf
1 file changed, 1 insertion(+)
```


User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

```
$ graph
* f155b11 (HEAD -> master) Menambahkan paragraf
* 59ef01a Menambahkan file index.php
```

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)


```
$ |
```



- 
- Kita punya 2 commit
  - Kita akan simpan ke dalam git hub menjadi repo baru di dalam github kita
  - Ke akun github kita, buat repositori baru, tanpa checklist readme



New repository

🔍 Type  to search



## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?

[Import a repository.](#)

*Required fields are marked with an asterisk (\*).*

Owner \*



BrendaWinarko

Repository name \*

GitRemote2

✔ GitRemote2 is available.

Great repository names are short and memorable. Need inspiration? How about [expert-telegram](#) ?

Description (optional)

Repo untuk Git Remote baru



**Public**

Anyone on the internet can see this repository. You choose who can commit.



**Private**

You choose who can see and commit to this repository.

Initialize this repository with:



**Add a README file**

This is where you can write a long description for your project. [Learn more about READMEs.](#)



BrendaWinarko / GitRemote2

Q Type to search



<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

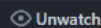


GitRemote2

Public



Pin



Unwatch

1



Fork

0



Star

0



### Set up GitHub Copilot

Use GitHub's AI pair programmer to autocomplete suggestions as you code.

Get started with GitHub Copilot



### Add collaborators to this repository

Search for people using their GitHub username or email address.

Invite collaborators

## Quick setup — if you've done this kind of thing before



Set up in Desktop

or

HTTPS

SSH

<https://github.com/BrendaWinarko/GitRemote2.git>



Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

## ...or create a new repository on the command line

```
echo "# GitRemote2" >> README.md
git init
git add README.md
```



MINGW64:/e/Sistem Informasi/Ganjil 2023\_2024/Manajemen Proyek/GitRemote2

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ git remote add origin https://github.com/Brendawinarko/GitRemote2

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ git remote  
origin

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ git remote -v

origin https://github.com/Brendawinarko/GitRemote2 (fetch)

origin https://github.com/Brendawinarko/GitRemote2 (push)

User PC@DESKTOP-A2IIPLI MINGW64 /e/Sistem Informasi/Ganjil 2023\_2024/Manajemen P  
royek/GitRemote2 (master)

\$ |

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (master)

\$ git branch -M main

git push -u origin main

Enumerating objects: 6, done.

Counting objects: 100% (6/6), done.

Delta compression using up to 12 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (6/6), 682 bytes | 682.00 KiB/s, done.

Total 6 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/BrendaWinarko/repo\_test\_2.git

\* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ |

MINGW64:/c/Users/User/Desktop/repo\_test\_2

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (master)

\$ git branch -M main

git push -u origin main

Enumerating objects: 6, done.

Counting objects: 100% (6/6), done.

Delta compression using up to 12 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (6/6), 682 bytes | 682.00 KiB/s, done.

Total 6 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/BrendaWinarko/repo\_test\_2.git

\* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

BrendaWinarko / repo\_test\_2 Public

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

[main](#) [1 branch](#) [0 tags](#)

[Go to file](#)

[Add file](#)

[Code](#)



BrendaWinarko menambahkan paragraf

a36c443 18 minutes ago 2 commits



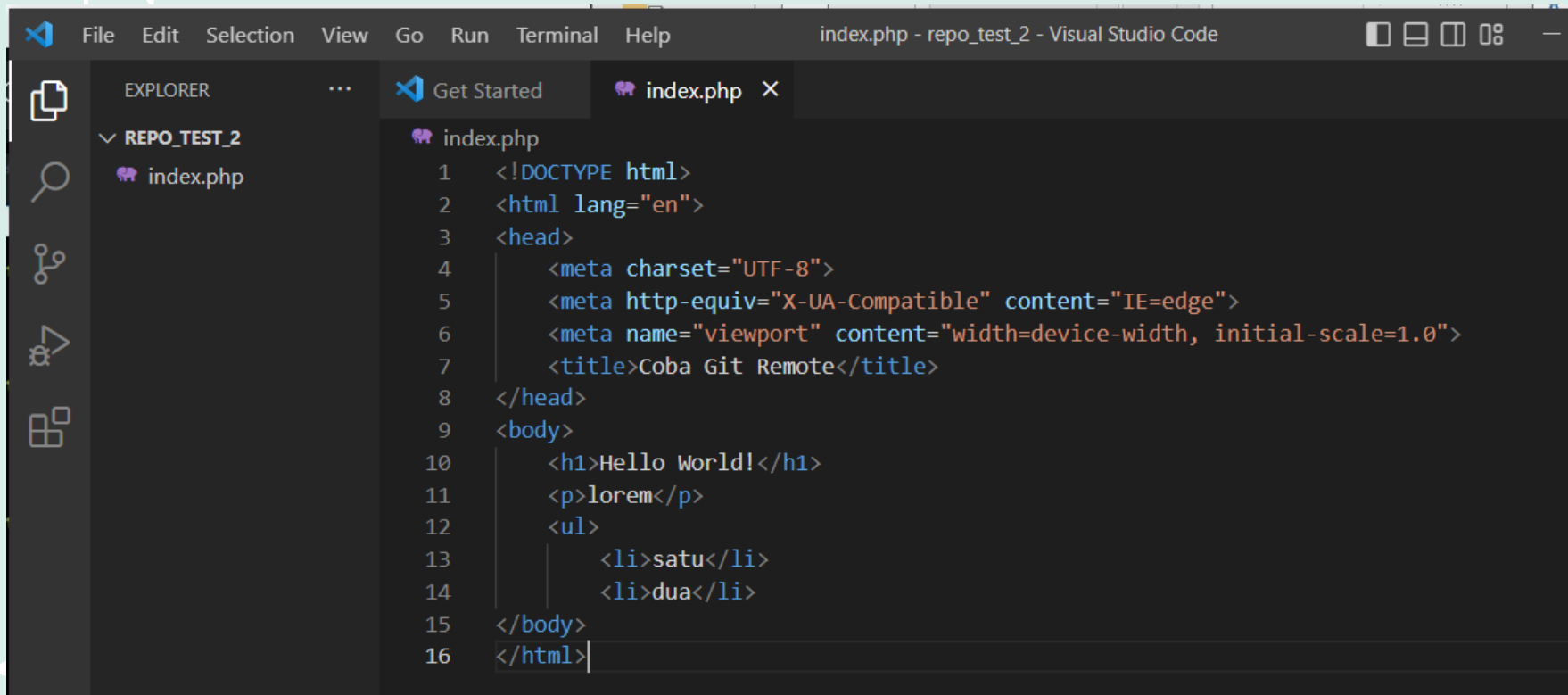
index.php

menambahkan paragraf

18 minutes ago

Help people interested in this repository understand your project by adding a README.

[Add a README](#)





MINGW64:/c/Users/User/Desktop/repo\_test\_2

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ git commit -am "menambahkan list"

[main 0d50093] menambahkan list

1 file changed, 3 insertions(+)

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ |

MINGW64:/c/Users/User/Desktop/repo\_test\_2

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ git commit -am "menambahkan list"

[main 0d50093] menambahkan list

1 file changed, 3 insertions(+)

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ graph

\* 0d50093 (HEAD -> main) menambahkan list

\* a36c443 (origin/main) menambahkan paragraf

\* dc983ce menambahkan file index.php

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ |

MINGW64:/c/Users/User/Desktop/repo\_test\_2

```
$ git commit -am "menambahkan list"
[main 0d50093] menambahkan list
1 file changed, 3 insertions(+)
```

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

```
$ graph
* 0d50093 (HEAD -> main) menambahkan list
* a36c443 (origin/main) menambahkan paragraf
* dc983ce menambahkan file index.php
```

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

```
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 318 bytes | 318.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Brendawinarko/repo_test_2.git
   a36c443..0d50093  main -> main
```

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

```
$
```



MINGW64:/c/Users/User/Desktop/repo\_test\_2

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ graph

\* 0d50093 (HEAD -> main, origin/main) menambahkan list


\* a36c443 menambahkan paragraf

\* dc983ce menambahkan file index.php





User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)



\$ |


# Refresh akun github kita

 BrendaWinarko / repo\_test\_2 Public

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

 main  1 branch  0 tags Go to file Add file  Code

 BrendaWinarko menambahkan list 0d50093 6 minutes ago  3 commits

 index.php menambahkan list 6 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

main ▾

Commits on Dec 16, 2022

menambahkan list



BrendaWinarko committed 7 minutes ago



0d50093



menambahkan paragraf



BrendaWinarko committed 28 minutes ago



a36c443



menambahkan file index.php



BrendaWinarko committed 1 hour ago



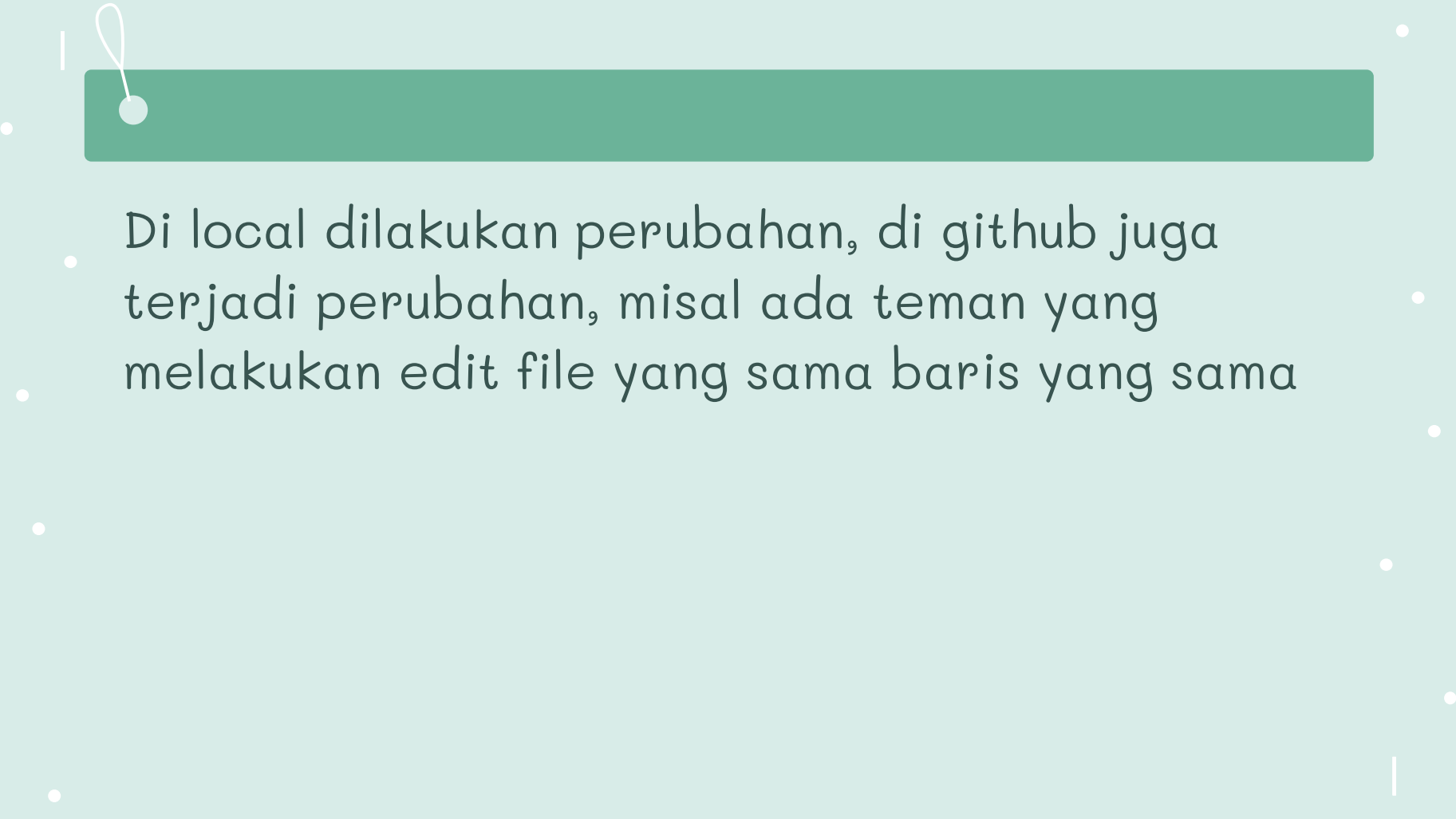
dc983ce





**Github ada, local ada**

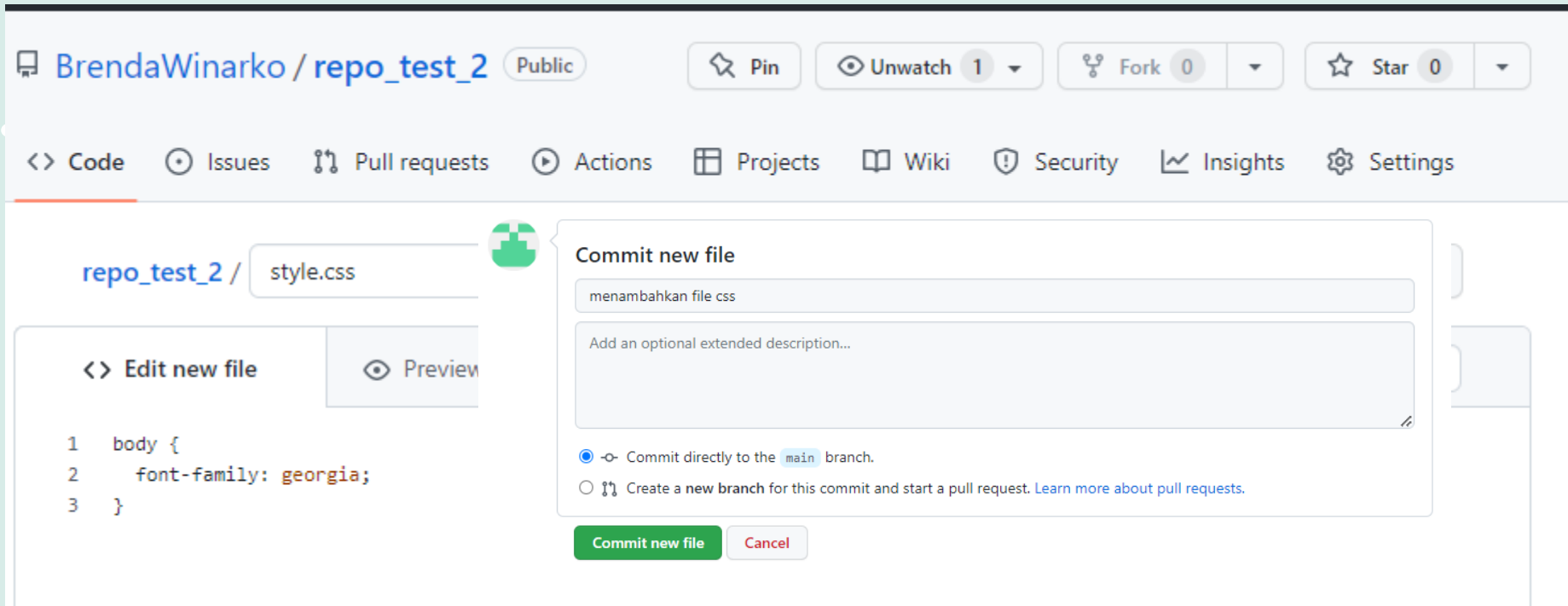
KASUS 3



Di local dilakukan perubahan, di github juga terjadi perubahan, misal ada teman yang melakukan edit file yang sama baris yang sama



Di github ada teman yang menambahkan file css



The screenshot shows the GitHub interface for a repository named 'repo\_test\_2' by user 'BrendaWinarko'. The repository is public. The 'Code' tab is selected. A new file 'style.css' is being edited. The code content is:

```
1 body {  
2   font-family: georgia;  
3 }
```

A 'Commit new file' dialog box is open, showing the commit message 'menambahkan file css'. The dialog also includes a description field and two options for committing: 'Commit directly to the main branch' (selected) and 'Create a new branch for this commit and start a pull request'. The 'Commit new file' button is highlighted in green.

BrendaWinarko / repo\_test\_2 Public

Pin Unwatch 1 Fork 0 Star 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

repo\_test\_2 / style.css

<> Edit new file Preview

```
1 body {  
2   font-family: georgia;  
3 }
```

Commit new file

menambahkan file css

Add an optional extended description...

☒ -o- Commit directly to the main branch.

☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit new file Cancel

BrendaWinarko / repo\_test\_2 Public

Pin

Unwatch 1

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

main

Go to file

Add file

<> Code



BrendaWinarko menambahkan file css

now 4



index.php

menambahkan list

1 hour ago



style.css

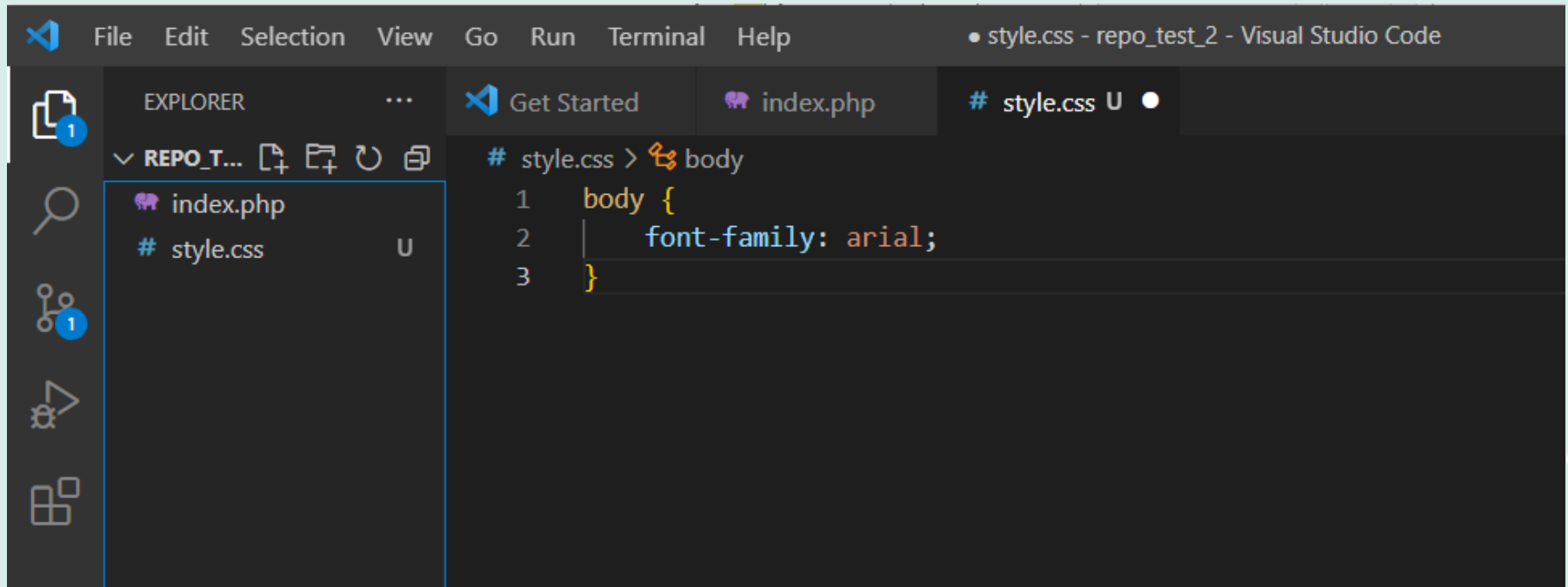
menambahkan file css

now

Help people interested in this repository understand your project by adding a README.

Add a README

Misal di local menambahkan file style.css



Misal di local menambahkan file style.css

```
MINGW64:/c/Users/User/Desktop/repo_test_2

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ git add .

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ git commit -m "menambahkan file css"
[main cba7f50] menambahkan file css
1 file changed, 3 insertions(+)
create mode 100644 style.css

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ |
```

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ git add .

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ git commit -m "menambahkan file css"

[main cba7f50] menambahkan file css

1 file changed, 3 insertions(+)

create mode 100644 style.css

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ git push

To https://github.com/Brendawinarko/repo\_test\_2.git

! [rejected] main -> main (fetch first)

error: failed to push some refs to 'https://github.com/Brendawinarko/repo\_test\_2.git'

hint: Updates were rejected because the remote contains work that you do

hint: not have locally. This is usually caused by another repository pushing

hint: to the same ref. You may want to first integrate the remote changes

hint: (e.g., 'git pull ...') before pushing again.

hint: See the 'Note about fast-forwards' in 'git push --help' for details.

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)


\$ |

- Gagal, push yang dilakukan ditolak karena kemungkinan di remotenya ada perubahan
- Gunakan `$ git fetch`

```
MINGW64:/c/Users/User/Desktop/repo_test_2

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ git fetch
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 694 bytes | 63.00 KiB/s, done.
From https://github.com/Brendawinarko/repo_test_2
    0d50093..4798fec  main      -> origin/main

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ |
```

- 
- Mengecek repo yang ada di remote sudah sampai mana commit nya, apakah berbeda dengan yang ada di local atau tidak
  - Ketik `$ git status`

MINGW64:/c/Users/User/Desktop/repo\_test\_2

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ git fetch

remote: Enumerating objects: 4, done.

remote: Counting objects: 100% (4/4), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), 694 bytes | 63.00 KiB/s, done.

From https://github.com/BrendaWinarko/repo\_test\_2

0d50093..4798fec main -> origin/main

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ git status

On branch main

Your branch and 'origin/main' have diverged,

and have 1 and 1 different commits each, respectively.

(use "git pull" to merge the remote branch into yours)

nothing to commit, working tree clean

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ |



- Di github dan di local ada 2 cabang yang berbeda

```
MINGW64:/c:/Users/User/Desktop/repo_test_2

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ graph
* cba7f50 (HEAD -> main) menambahkan file css
| * 4798fec (origin/main) menambahkan file css
|/
* 0d50093 menambahkan list
* a36c443 menambahkan paragraf
* dc983ce menambahkan file index.php

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ |
```

- Harus merge commit yang ada di remote
- Ketik \$ git pull

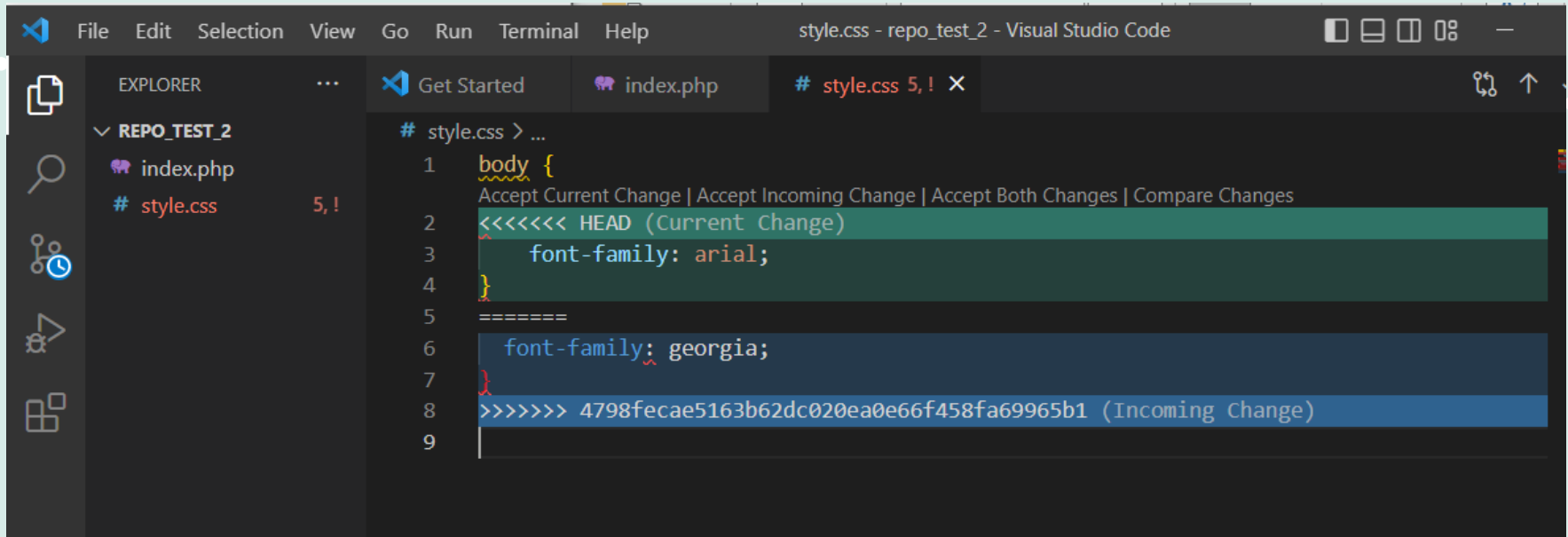
```
MINGW64:/c/Users/User/Desktop/repo_test_2

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ graph
* cba7f50 (HEAD -> main) menambahkan file css
| * 4798fec (origin/main) menambahkan file css
|/
* 0d50093 menambahkan list
* a36c443 menambahkan paragraf
* dc983ce menambahkan file index.php

User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ git pull
Auto-merging style.css
CONFLICT (add/add): Merge conflict in style.css
Automatic merge failed; fix conflicts and then commit the result.

User@MSI MINGW64 ~/Desktop/repo_test_2 (main|MERGING)
$ |
```

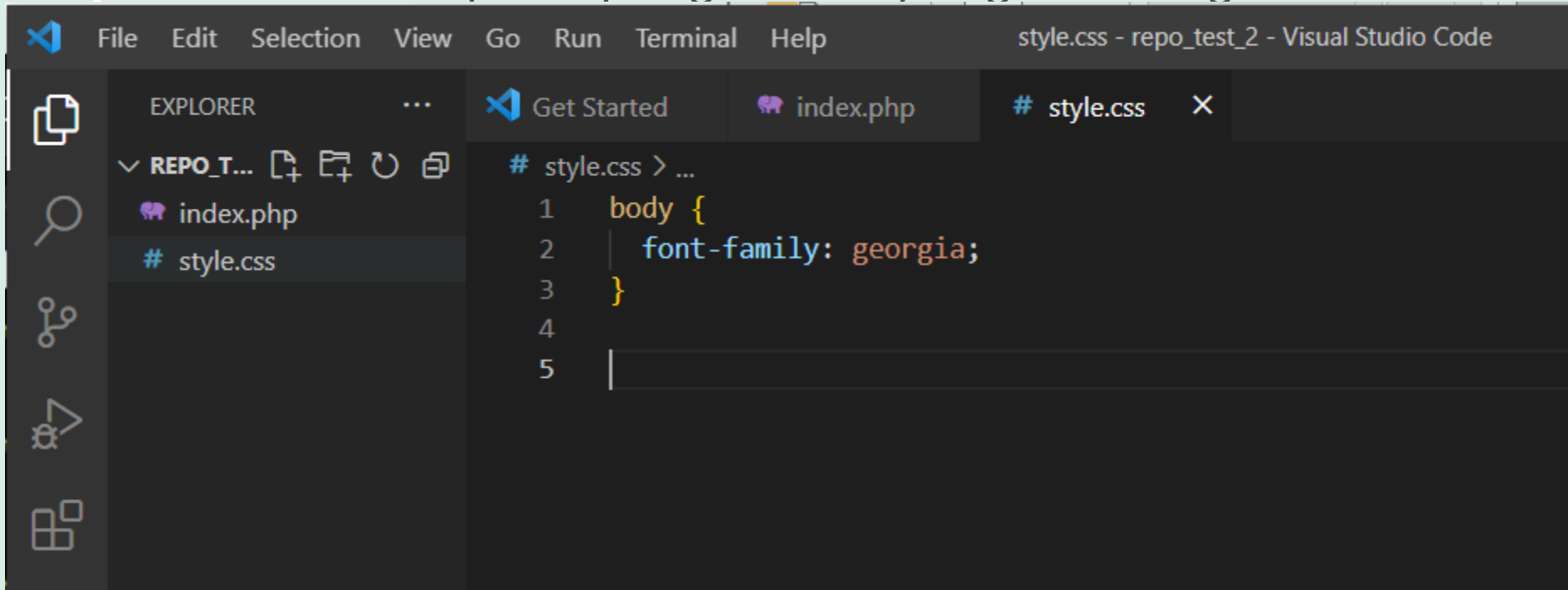
- Ada conflict
- Buka codingnya



The screenshot shows the Visual Studio Code interface with a conflict in the file `style.css`. The Explorer sidebar on the left shows the project structure with `index.php` and `style.css` (marked with a conflict icon). The main editor displays the content of `style.css` with a conflict resolution overlay. The overlay shows the current change (green background) and the incoming change (blue background). The current change is a `body` selector with `font-family: arial;`. The incoming change is a `body` selector with `font-family: georgia;`. The conflict resolution options are: Accept Current Change, Accept Incoming Change, Accept Both Changes, and Compare Changes. The incoming change is highlighted with a blue background.

```
# style.css > ...
1  body {
2  <<<<<< HEAD (Current Change)
3      font-family: arial;
4  }
5  =====
6  font-family: georgia;
7  }
8  >>>>>> 4798fecae5163b62dc020ea0e66f458fa69965b1 (Incoming Change)
9
```

- Silakan dipilih yang mana yang mau digunakan



MINGW64:/c/Users/User/Desktop/repo\_test\_2

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main|MERGING)
$ git add .
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main|MERGING)
$ git commit -m "mengubah isi file style.css"
[main 1d7e577] mengubah isi file style.css
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ |
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main|MERGING)
$ git add .
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main|MERGING)
$ git commit -m "mengubah isi file style.css"
[main 1d7e577] mengubah isi file style.css
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ |
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main|MERGING)
$ git commit -m "mengubah isi file style.css"
[main 1d7e577] mengubah isi file style.css
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$ git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), 642 bytes | 642.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Brendawinarko/repo_test_2.git
  4798fec..1d7e577  main -> main
```

```
User@MSI MINGW64 ~/Desktop/repo_test_2 (main)
$
```

MINGW64:/c/Users/User/Desktop/repo\_test\_2

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ graph

\* 1d7e577 (HEAD -> main, origin/main) mengubah isi file style.css

| \  
| \* 4798fec menambahkan file css

\* | cba7f50 menambahkan file css

| /  
\* 0d50093 menambahkan list

\* a36c443 menambahkan paragraf

\* dc983ce menambahkan file index.php

User@MSI MINGW64 ~/Desktop/repo\_test\_2 (main)

\$ |



- cek di repo github

BrendaWinarko / repo\_test\_2 Public

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main

Commits on Dec 16, 2022

mengubah isi file style.css BrendaWinarko committed 5 minutes ago	1d7e577	<>
menambahkan file css BrendaWinarko committed 22 minutes ago	cba7f50	<>
menambahkan file css BrendaWinarko committed 1 hour ago	4798fec	<>
menambahkan list BrendaWinarko committed 1 hour ago	0d50093	<>
menambahkan paragraf BrendaWinarko committed 1 hour ago	a36c443	<>
menambahkan file index.php BrendaWinarko committed 1 hour ago	dc983ce	<>



# THANKS!

Do you have any  
questions?



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