Nama : Muhammad Ridho

Kelas : 4IA06

NPM : 51421055

Materi : Dokumentasi Pengembangan Perangkat Lunak Terpadu, Version Control System Git, dan GitHub.
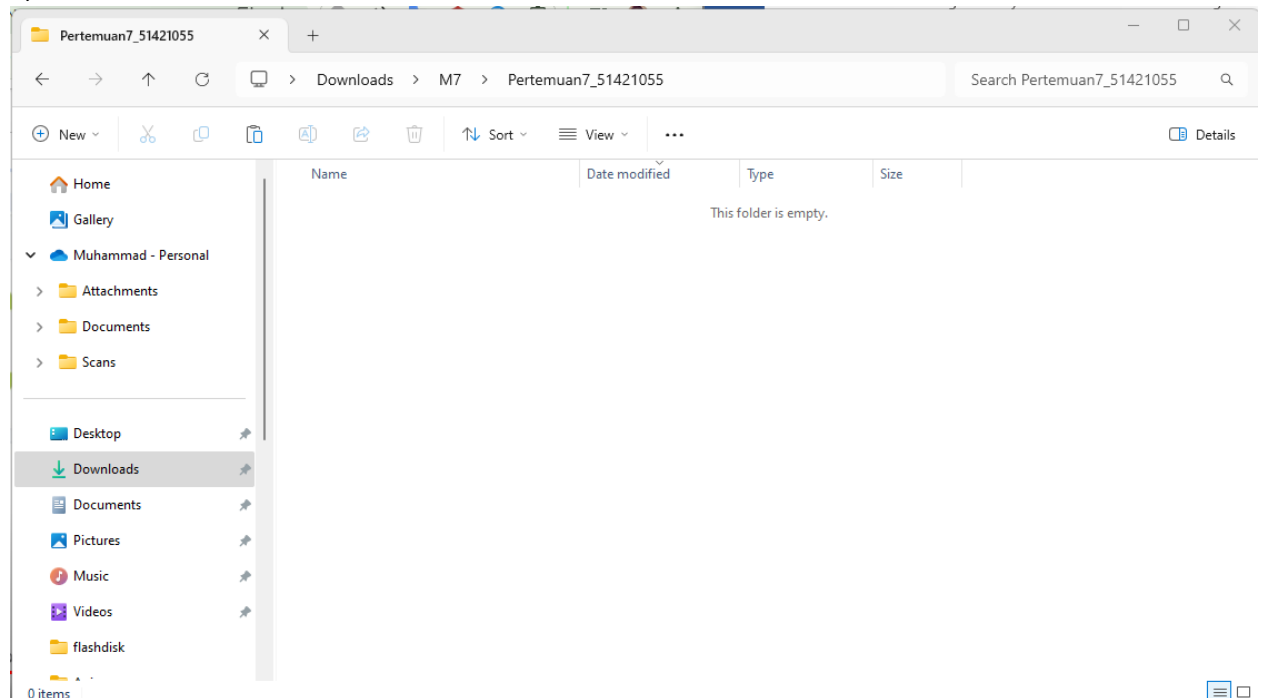
Mata Praktikum : Rekayasa Perangkat Lunak 2

ACTIVITY 7

SOAL

1. Screenshoot Langkah – Langkah dari pembuatan repository, clone repository, git push dan git pull hingga branching repository sesuai dengan video di praktikum.
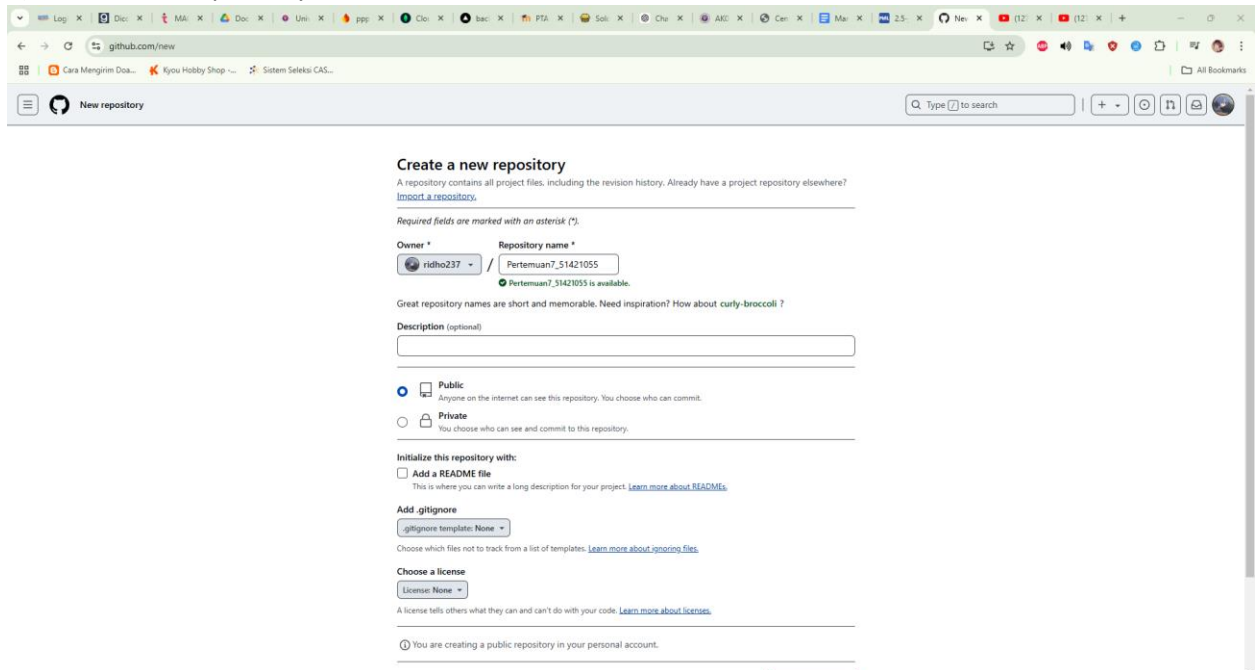
JAWABAN

1.

1). Pertama buat folder.

2). Kedua Buat repository.

3). Ketiga kita ke folder yang sudah kita buat.
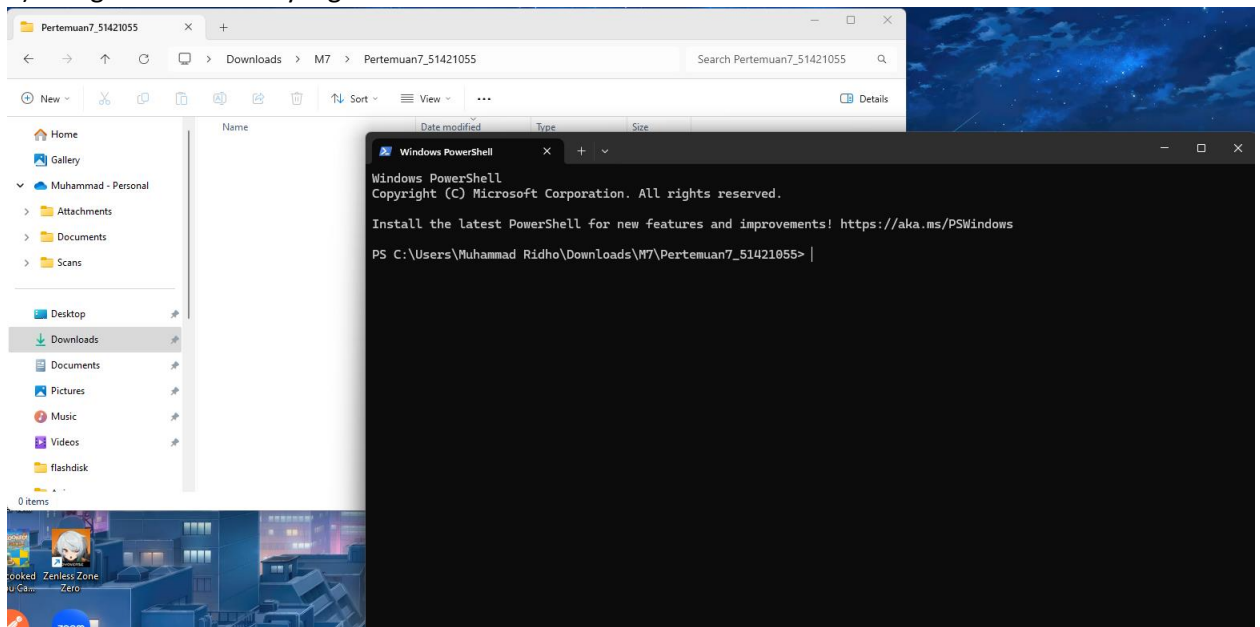
4). Keempat kita git init dlu.


```
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git init
Initialized empty Git repository in C:/Users/Muhammad Ridho/Downloads/M7/Pertemuan7_51421055/.git/
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055>
```

5). Kelima kita git buat readme.md secara manual kemudian kita git add readme.md


```
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git init
Initialized empty Git repository in C:/Users/Muhammad Ridho/Downloads/M7/Pertemuan7_51421055/.git/
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
fatal: pathspec 'README.md' did not match any files
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055>
```
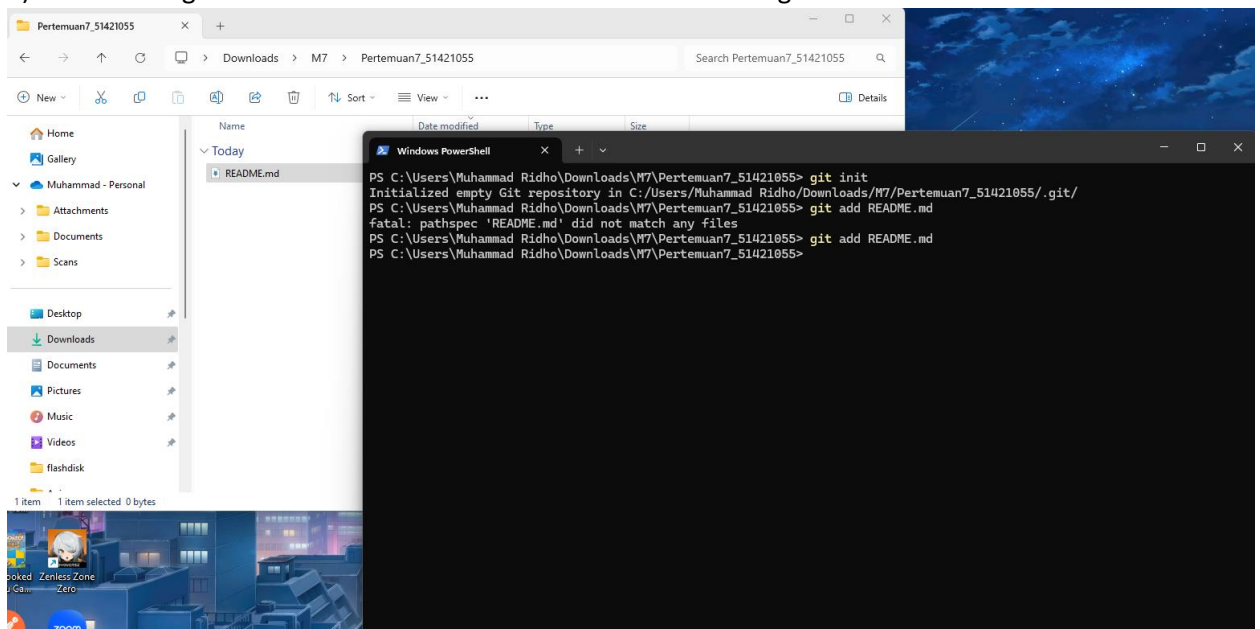
6). Keenam kita commit dengan message first commit


```
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git init
Initialized empty Git repository in C:/Users/Muhammad Ridho/Downloads/M7/Pertemuan7_51421055/.git/
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
fatal: pathspec 'README.md' did not match any files
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git commit -m "first commito"
```

7). Ketuju kita cek di git status


```
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git init
Initialized empty Git repository in C:/Users/Muhammad Ridho/Downloads/M7/Pertemuan7_51421055/.git/
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
fatal: pathspec 'README.md' did not match any files
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git commit -m "first commito"
[master (root-commit) 88026fd] first commito
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055>
```

8). Selanjutnya kita merge branchnya ke main


```
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git init
Initialized empty Git repository in C:/Users/Muhammad Ridho/Downloads/M7/Pertemuan7_51421055/.git/
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
fatal: pathspec 'README.md' did not match any files
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git commit -m "first commito"
[master (root-commit) 88026fd] first commito
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git branch -M main
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055>
```

9). Kesembilan kita buat remotenya


```
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git init
Initialized empty Git repository in C:/Users/Muhammad Ridho/Downloads/M7/Pertemuan7_51421055/.git/
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
fatal: pathspec 'README.md' did not match any files
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git commit -m "first commito"
[master (root-commit) 88026fd] first commito
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git branch -M main
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git remote add lemote https://github.com/ridho237/Pertemuan
7_51421055.git
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055>
```
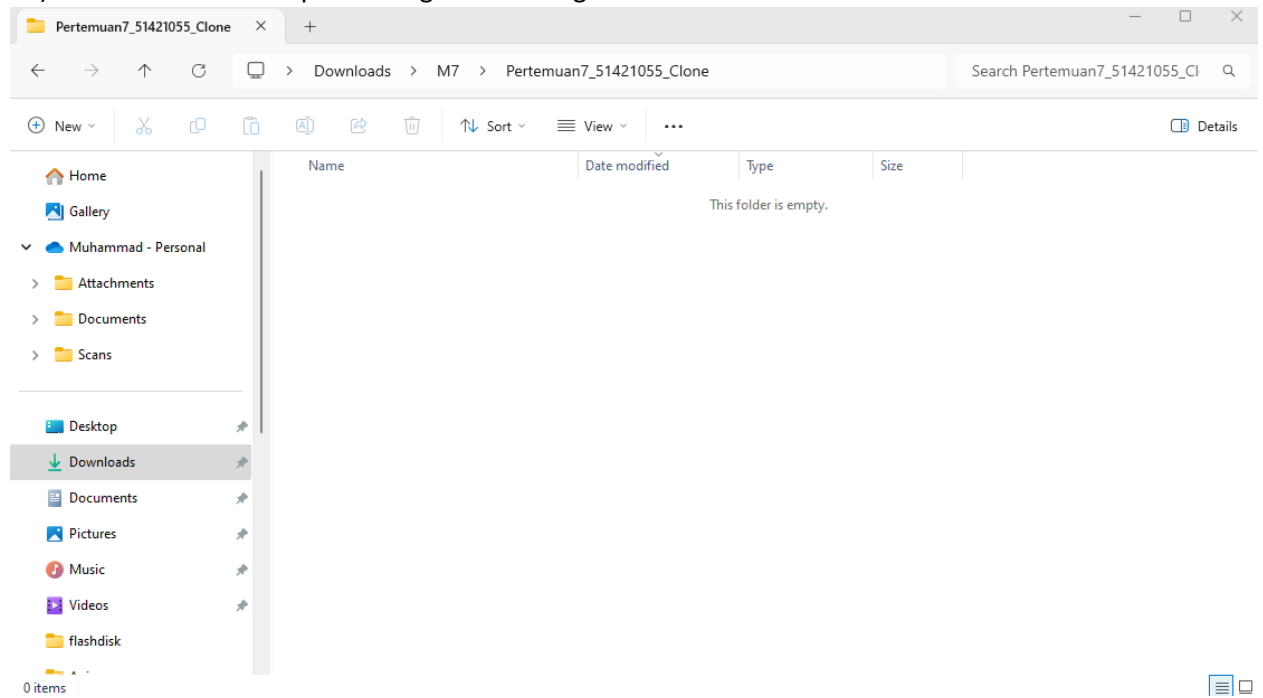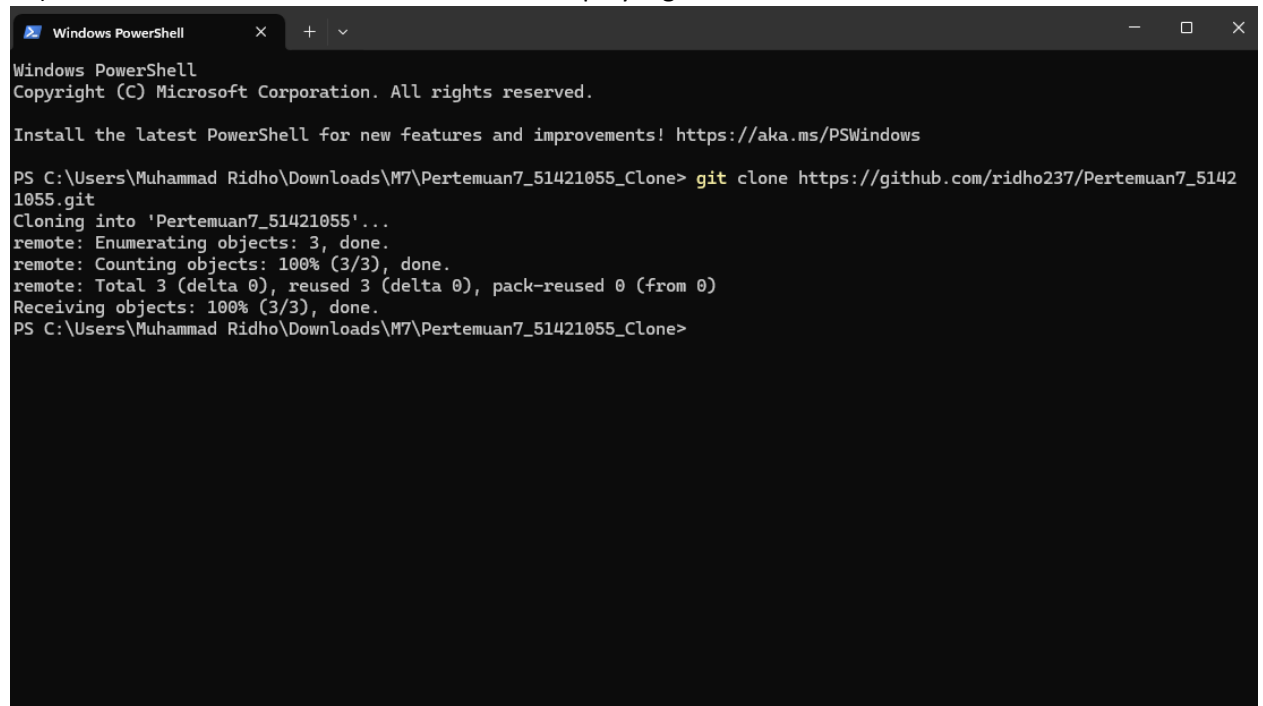
10). Kesepuluh kita push ke remotenya yang kita buat tadi disertai dengan branch

11). Kesebelas kita coba praktekin git clone dengan membuat folder baru…

12). Kedua belas kita buka cmd dan kita clone repo yang barusan dibuat.
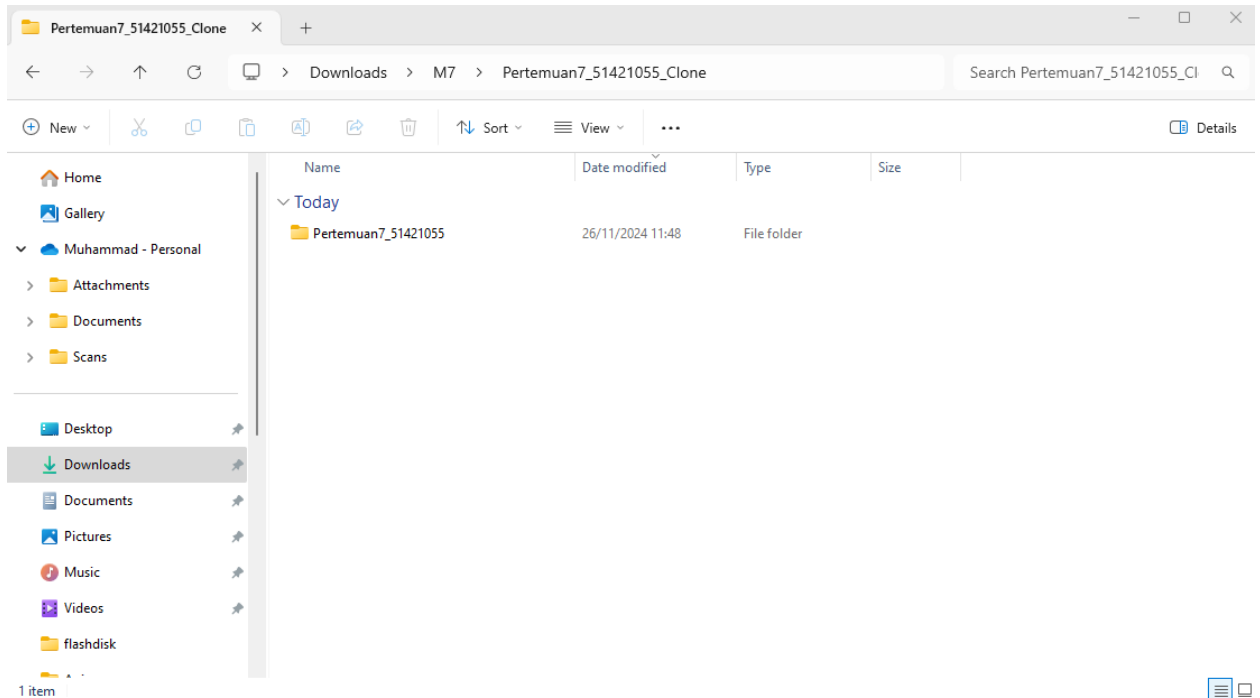
13). Ketiga belas kita coba buat file baru dan kita cek status kemudian kita git add lagi karna terdapat file baru maka file text.txt terbaca untracked kita git add untuk menambah file untracked tsb.


```
fatal: pathspec 'README.md' did not match any files
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git commit -m "first commito"
[master (root-commit) 88026fd] first commito
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git branch -M main
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git remote add lemote https://github.com/ridho237/Pertemuan
7_51421055.git
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git push -u lemote main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 212 bytes | 212.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ridho237/Pertemuan7_51421055.git
 * [new branch]      main -> main
branch 'main' set up to track 'lemote/main'.
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch main
Your branch is up to date with 'lemote/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        text.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055>
```

```
fatal: pathspec 'README.md' did not match any files
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git commit -m "first commito"
[master (root-commit) 88026fd] first commito
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git branch -M main
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git remote add lemote https://github.com/ridho237/Pertemuan
7_51421055.git
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git push -u lemote main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 212 bytes | 212.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ridho237/Pertemuan7_51421055.git
 * [new branch]      main -> main
branch 'main' set up to track 'lemote/main'.
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch main
Your branch is up to date with 'lemote/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        text.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add .
```
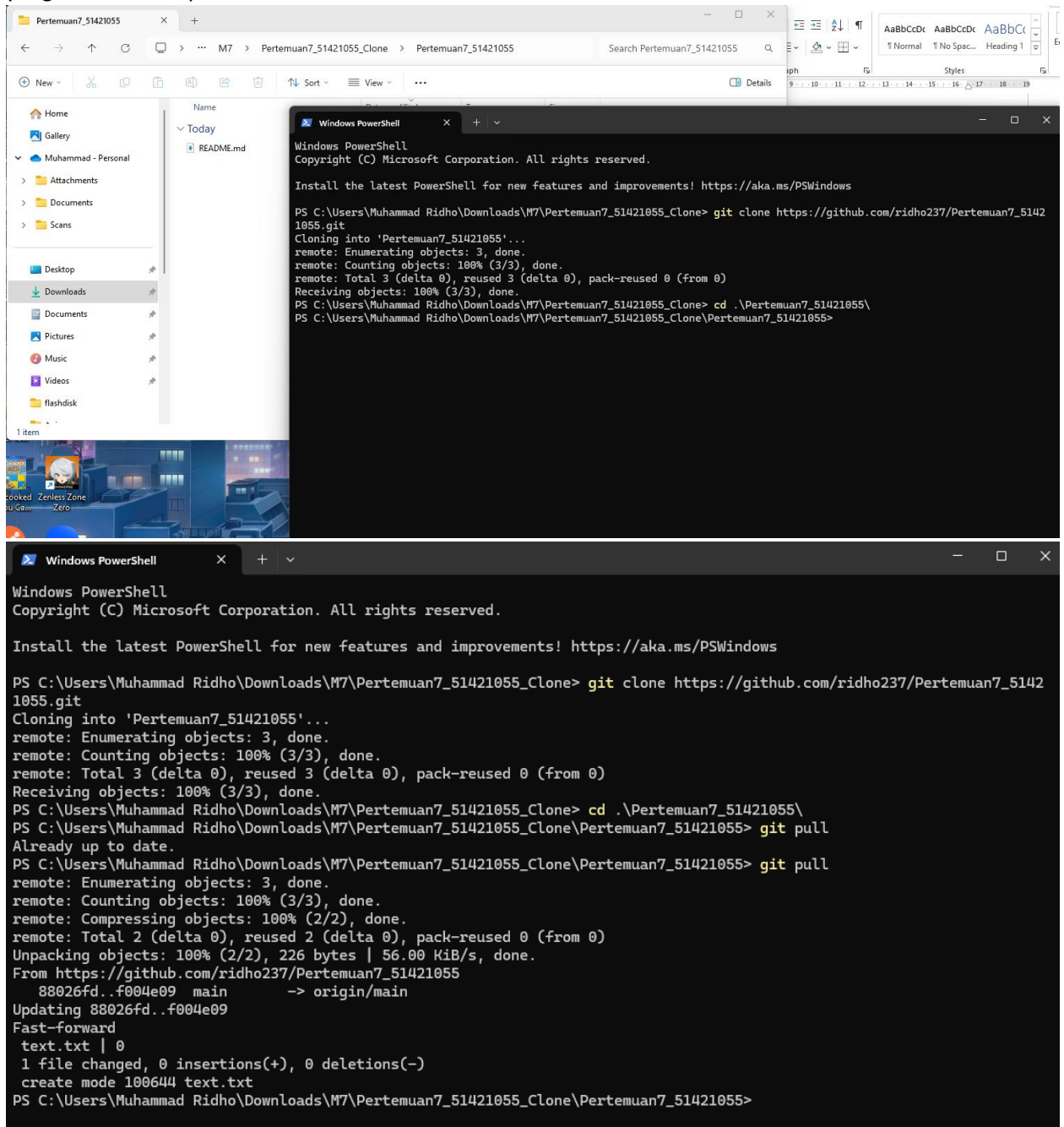
Nah disini statusnya akan berubah menjadi unstage karna blm dicomit selanjutnya kita commit

```
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git branch -M main
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git remote add lemote https://github.com/ridho237/Pertemuan
7_51421055.git
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git push -u lemote main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 212 bytes | 212.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ridho237/Pertemuan7_51421055.git
 * [new branch]      main -> main
branch 'main' set up to track 'lemote/main'.
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch main
Your branch is up to date with 'lemote/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        text.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git add .
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055> git status
On branch main
Your branch is up to date with 'lemote/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   text.txt

PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055>
```

14). Keempat belas kita commit dan push.

15). Kelima belas kita implementasikan pull difolder yang clone tadi untuk update fille text.txt yang tadi sudah dipush.

16). Keenambelas kita implementasikan branching, kita disini buat lalu masuk kebranchnya.

17). Ketujuh belas kita coba buat file kemudian kita push kebranch baru yang kita buat.

```
Please make sure you have the correct access rights
and the repository exists.
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055_Clone\Pertemuan7_51421055> git remote -v
origin  https://github.com/ridho237/Pertemuan7_51421055.git (fetch)
origin  https://github.com/ridho237/Pertemuan7_51421055.git (push)
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055_Clone\Pertemuan7_51421055> git push -u origin coba
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'coba' on GitHub by visiting:
remote:      https://github.com/ridho237/Pertemuan7_51421055/pull/new/coba
remote:
To https://github.com/ridho237/Pertemuan7_51421055.git
 * [new branch]      coba -> coba
branch 'coba' set up to track 'origin/coba'.
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055_Clone\Pertemuan7_51421055> git commit -m "add branch"
[coba 7ac528a] add branch
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 testbranch.txt
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055_Clone\Pertemuan7_51421055> git push -u origin coba
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 6 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 256 bytes | 256.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ridho237/Pertemuan7_51421055.git
   f004e09..7ac528a  coba -> coba
branch 'coba' set up to track 'origin/coba'.
PS C:\Users\Muhammad Ridho\Downloads\M7\Pertemuan7_51421055_Clone\Pertemuan7_51421055>
```

ridho237 / Pertemuan7_51421055

<> Code   ⊙ Issues   ⏄ Pull requests   ⊙ Actions   ⊞ Projects   ⊞ Wiki   ⊙ Security   ⊿ Insights   ⚙ Settings

Pertemuan7_51421055 (Public)

⚲ Pin   ⊙ Unwatch 1   ⑂ Fork 0   ☆ Star 0

⑂ coba had recent pushes 14 minutes ago   Compare & pull request

⑂ coba   ⑂ 2 Branches   ⬡ 0 Tags   Go to file   Add file   <> Code

This branch is 1 commit ahead of main .   ⏄ Contribute

ridho237 add branch   7ac528a · 14 minutes ago   ⊙ 3 Commits

README.md   first commito   1 hour ago
testbranch.txt   add branch   14 minutes ago
text.txt   add text file   37 minutes ago

⊞ README

About
No description, website, or topics provided.

⊿ Activity
☆ 0 stars
⊙ 1 watching
⑂ 0 forks

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