

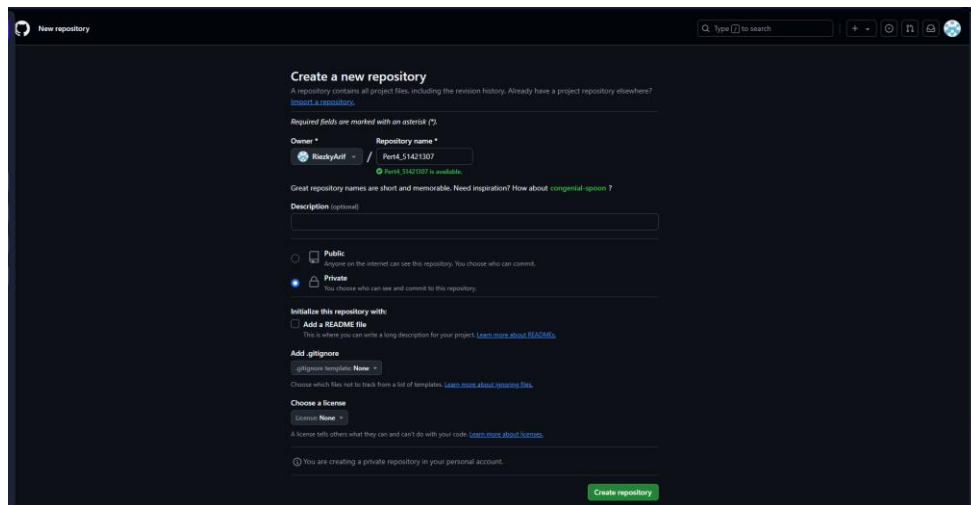
Nama : Riezky Arif Fadhilah

NPM : 51421307

Kelas : 4IA27

Activity 7

1. Create new repository



2. Git Bash

```
MINGW64:/c/Users/Riezky/Downloads/Pert4_51421307

Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ echo "# Pert4_51421307" >> README.md

Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ git init
Reinitialized existing Git repository in C:/Users/Riezky/Downloads/Pert4_51421307/.git/

Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ git add README.md
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it

Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ git add README.md

Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ git branch -M main

Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ git remote add origin https://github.com/RiezkyArif/Pert4_51421307.git
error: remote origin already exists.

Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ git push -u origin main

Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 231 bytes | 77.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/RiezkyArif/Pert4_51421307.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

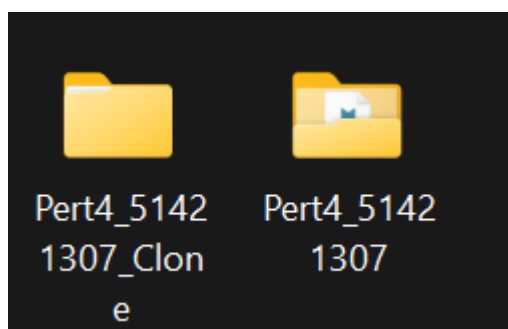
Riezky@Iky MINGW64 ~/Downloads/Pert4_51421307 (main)
$ |
```

3. Git Clone

```
MINGW64:/c/Users/Riezky/Downloads/Pert4_51421307_Clone
Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone
$ git clone https://github.com/RiezkyArif/Pert4_51421307.git
Cloning into 'Pert4_51421307'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone
$
```

4. Folder Explore



5. Git Coba Baru

```
MINGW64:/c/Users/Riezky/Downloads/Pert4_51421307_Clone/Pert4_51421307
Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone/Pert4_51421307 (main)
$ git checkout coba
error: pathspec 'coba' did not match any file(s) known to git

Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone/Pert4_51421307 (main)
$ git branch cobabaru

Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone/Pert4_51421307 (main)
$ git checkout cobabaru
Switched to branch 'cobabaru'

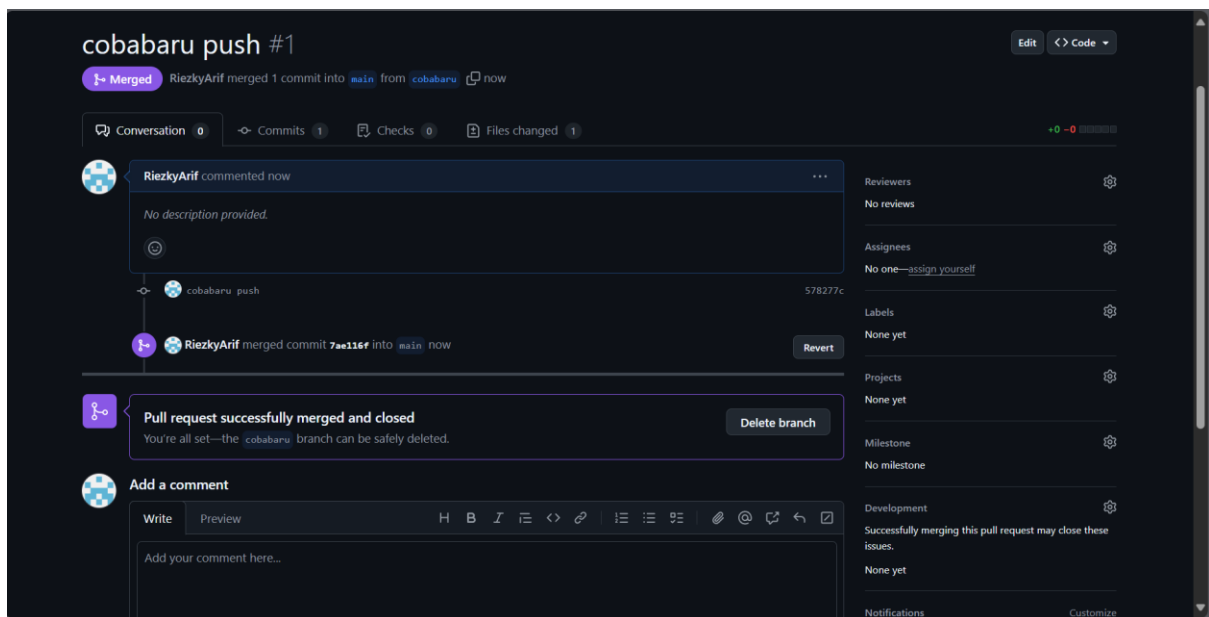
Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone/Pert4_51421307 (cobabaru)
$ git add .

Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone/Pert4_51421307 (cobabaru)
$ git commit -m "cobabaru push"
[cobabaru 578277c] cobabaru push
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 coba.git

Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone/Pert4_51421307 (cobabaru)
$ git push -u origin cobabaru
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 278 bytes | 139.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'cobabaru' on GitHub by visiting:
remote:   https://github.com/RiezkyArif/Pert4_51421307/pull/new/cobabaru
remote:
To https://github.com/RiezkyArif/Pert4_51421307.git
 * [new branch]      cobabaru -> cobabaru
branch 'cobabaru' set up to track 'origin/cobabaru'.

Riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307_Clone/Pert4_51421307 (cobabaru)
$
```

6. Cobabaru push



7. Git Pull

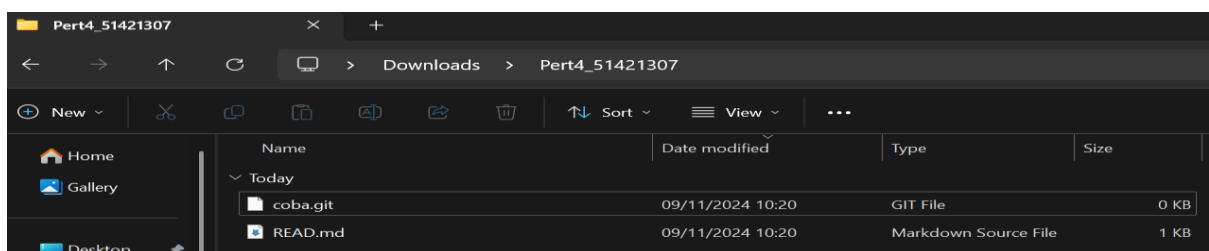
```
MINGW64:/c/Users/Riezky/Downloads/Pert4_51421307

riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307 (coba)
$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 1.12 KiB | 57.00 KiB/s, done.
From https://github.com/RiezkyArif/Pert4_51421307
* [new branch]      cobabaru    -> origin/cobabaru
  67a3db6..7ae116f  main        -> origin/main
Already up to date.

riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307 (coba)
$ git checkout main
Switched to branch 'main'
Your branch is behind 'origin/main' by 2 commits, and can be fast-forwarded.
(use "git pull" to update your local branch)

riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307 (main)
$ git pull
Updating 67a3db6..7ae116f
Fast-forward
 cobra.git | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 cobra.git

riezky@Ikyy MINGW64 ~/Downloads/Pert4_51421307 (main)
$ |
```



- Jelaskan apa itu Git dan bagaimana git dapat membantu dalam kerja sama tim!

Jawab :

Jadi Git ini merupakan suatu sistem kontrol versi (version control system) yang digunakan untuk mengelola perubahan dalam file atau kode sumber selama pengembangan perangkat lunak. Dan Git ini juga memungkinkan beberapa pengembang untuk bekerja secara bersamaan pada proyek yang sama tanpa menimpa pekerjaan satu sama lain, serta memberikan histori lengkap tentang perubahan yang dilakukan pada setiap versi file nya.