

## ACTIVITY PERTEMUAN

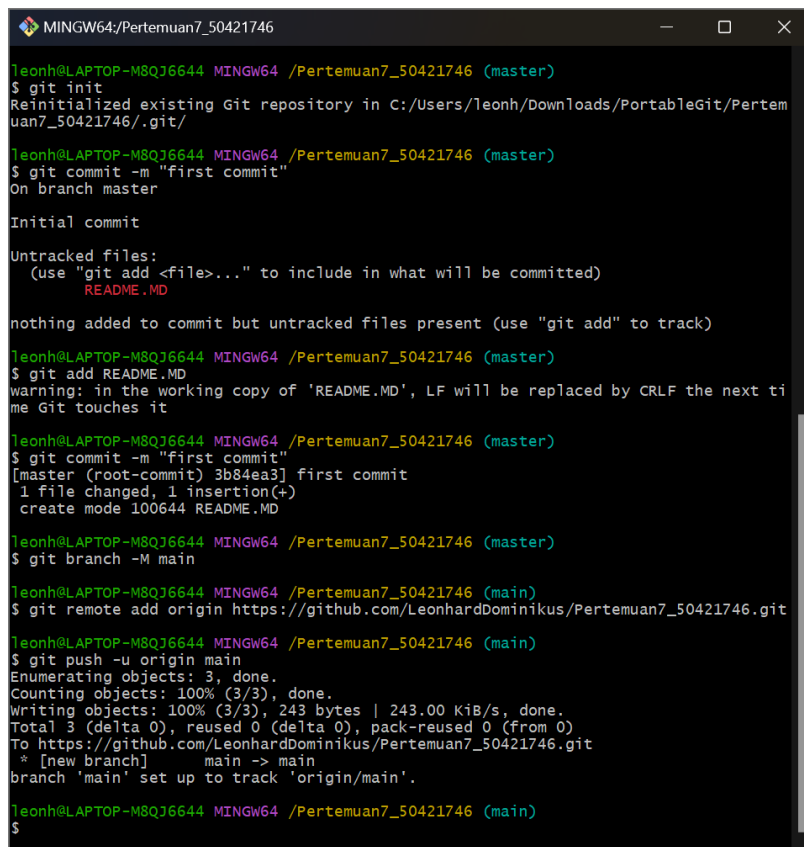
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**KELAS** : 4IA14  
**MATERI** : GIT  
**MATA PRAKTIKUM** : RPL 2

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

Git memfasilitasi kolaborasi tim dengan memungkinkan pengembang bekerja secara paralel di cabang-cabang terpisah. Setiap perubahan dicatat dengan riwayat yang jelas, memudahkan pelacakan dan pemecahan masalah. Git juga mengelola konflik yang terjadi saat dua pengembang mengubah bagian yang sama, serta memungkinkan distribusi kerja dengan salinan lokal dari repositori yang dapat diunggah ke repositori pusat setelah selesai.

Lakukan operasi2 yang dapat dilakukan pada github seperti membuat repository, clone repository, Git Push dan Git Pull!



```
MINGW64:/Pertemuan7_50421746

leohnh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (master)
$ git init
Reinitialized existing Git repository in C:/Users/leohnh/Downloads/PortableGit/Pertemuan7_50421746/.git/

leohnh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (master)
$ git commit -m "first commit"
On branch master

Initial commit

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

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

leohnh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (master)
$ git add README.MD
warning: in the working copy of 'README.MD', LF will be replaced by CRLF the next time Git touches it

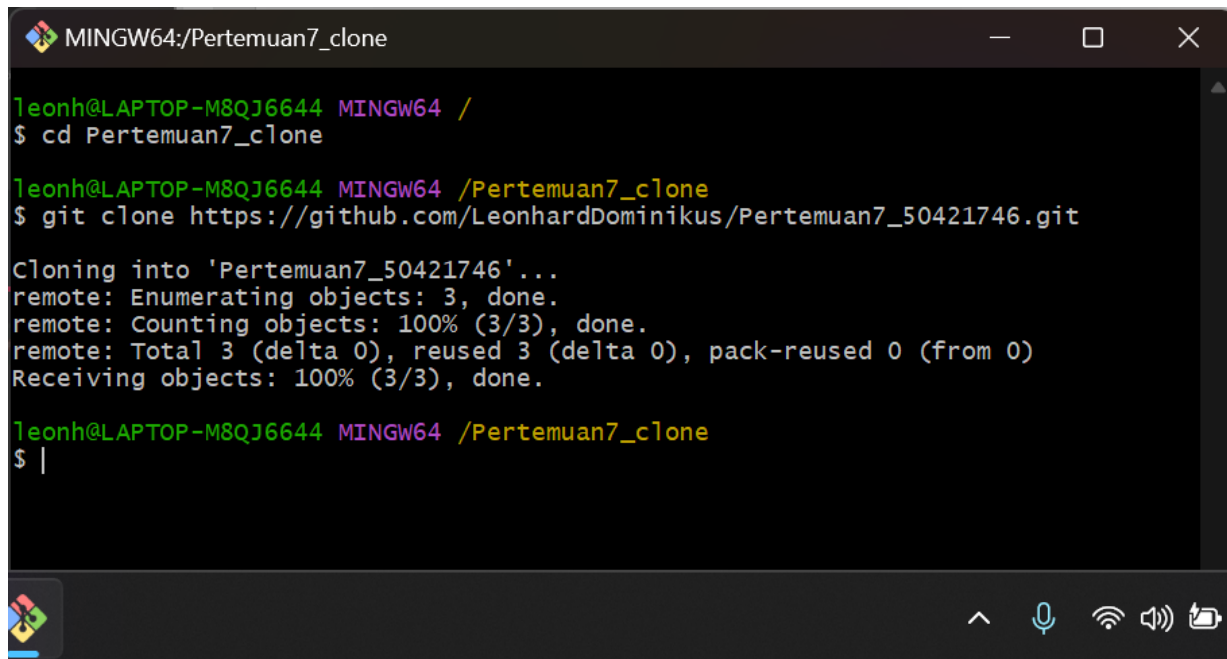
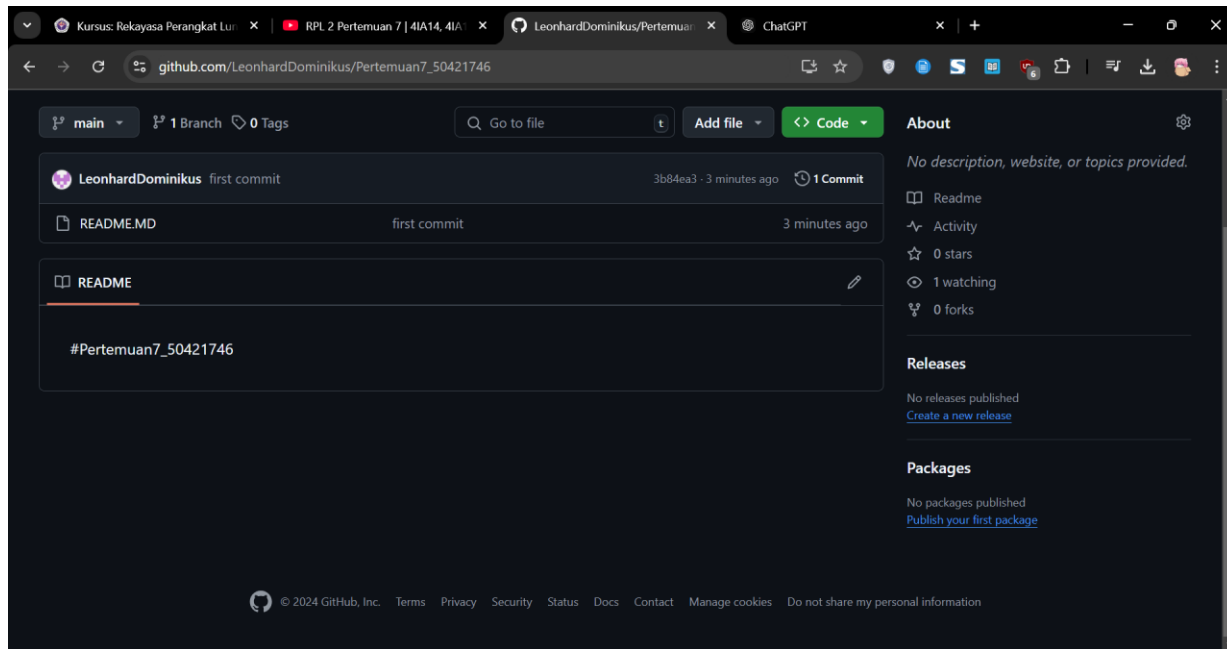
leohnh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (master)
$ git commit -m "first commit"
[master (root-commit) 3b84ea3] first commit
1 file changed, 1 insertion(+)
create mode 100644 README.MD

leohnh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (master)
$ git branch -M main

leohnh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (main)
$ git remote add origin https://github.com/LeonhardDominikus/Pertemuan7_50421746.git

leohnh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 243 bytes | 243.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/LeonhardDominikus/Pertemuan7_50421746.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

leohnh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (main)
$
```



```
MINGW64/Pertemuan7_50421746

leonh@LAPTOP-M8QJ6644 MINGW64 /
$ cd Pertemuan7_50421746

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (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)
    test.txt

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

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (main)
$ git add .

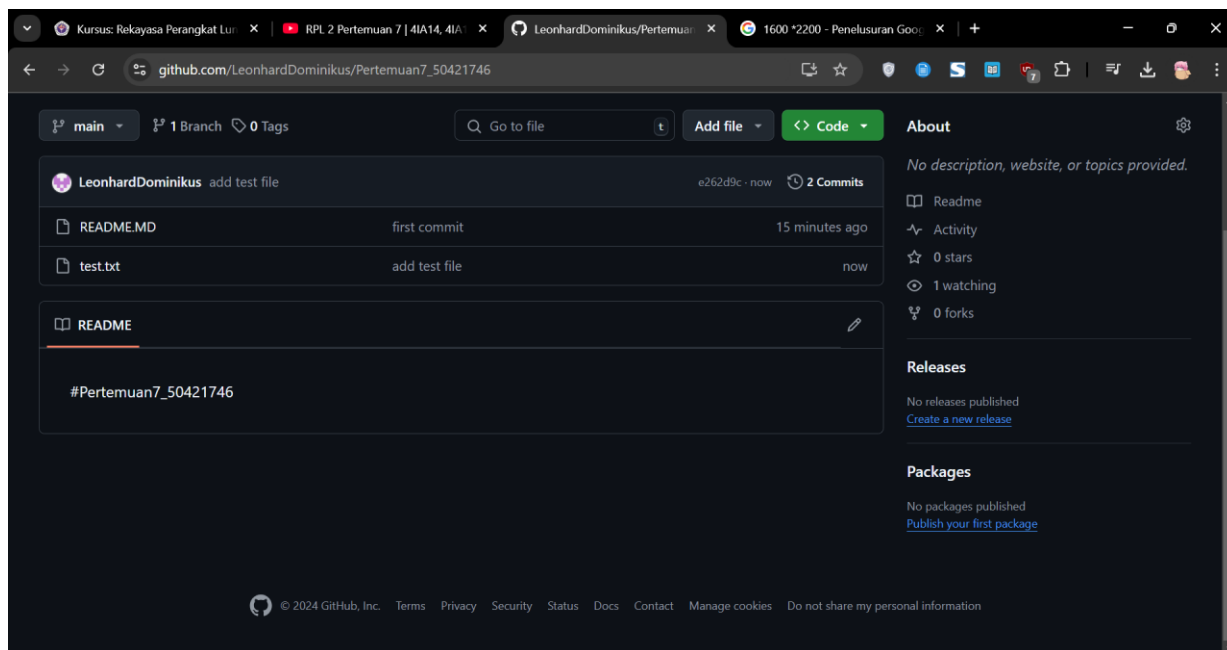
leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (main)
$ git commit -m "add test file"
[main e262d9c] add test file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 test.txt

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (main)
$ git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 285 bytes | 285.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/LeonhardDominikus/Pertemuan7_50421746.git
3b84ea3..e262d9c  main -> main
branch 'main' set up to track 'origin/main'.

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_50421746 (main)
$
```



```
MINGW64/Pertemuan7_clone2/Pertemuan7_50421746

leonh@LAPTOP-M8QJ6644 MINGW64 /
$ git clone https://github.com/LeonhardDominikus/Pertemuan7_50421746.git
fatal: destination path 'Pertemuan7_50421746' already exists and is not an empty
directory.

leonh@LAPTOP-M8QJ6644 MINGW64 /
$ cd Pertemuan7_clone2

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_clone2
$ git clone https://github.com/LeonhardDominikus/Pertemuan7_50421746.git
Cloning into 'Pertemuan7_50421746'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 6 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (6/6), done.

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_clone2
$ git pull
fatal: not a git repository (or any of the parent directories): .git

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_clone2
$ cd Pertemuan7_50421746

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_clone2/Pertemuan7_50421746 (main)
$ git pull
Already up to date.

leonh@LAPTOP-M8QJ6644 MINGW64 /Pertemuan7_clone2/Pertemuan7_50421746 (main)
$
```