

ACTIVITY PERTEMUAN 7

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NPM : 50421535

KELAS : 4IA06

MATERI : Dokumentasi Perangkat Lunak Terpadu, Version Control System, Git, dan Github

MATA PRAKTIKUM : Rekayasa Perangkat Lunak 2

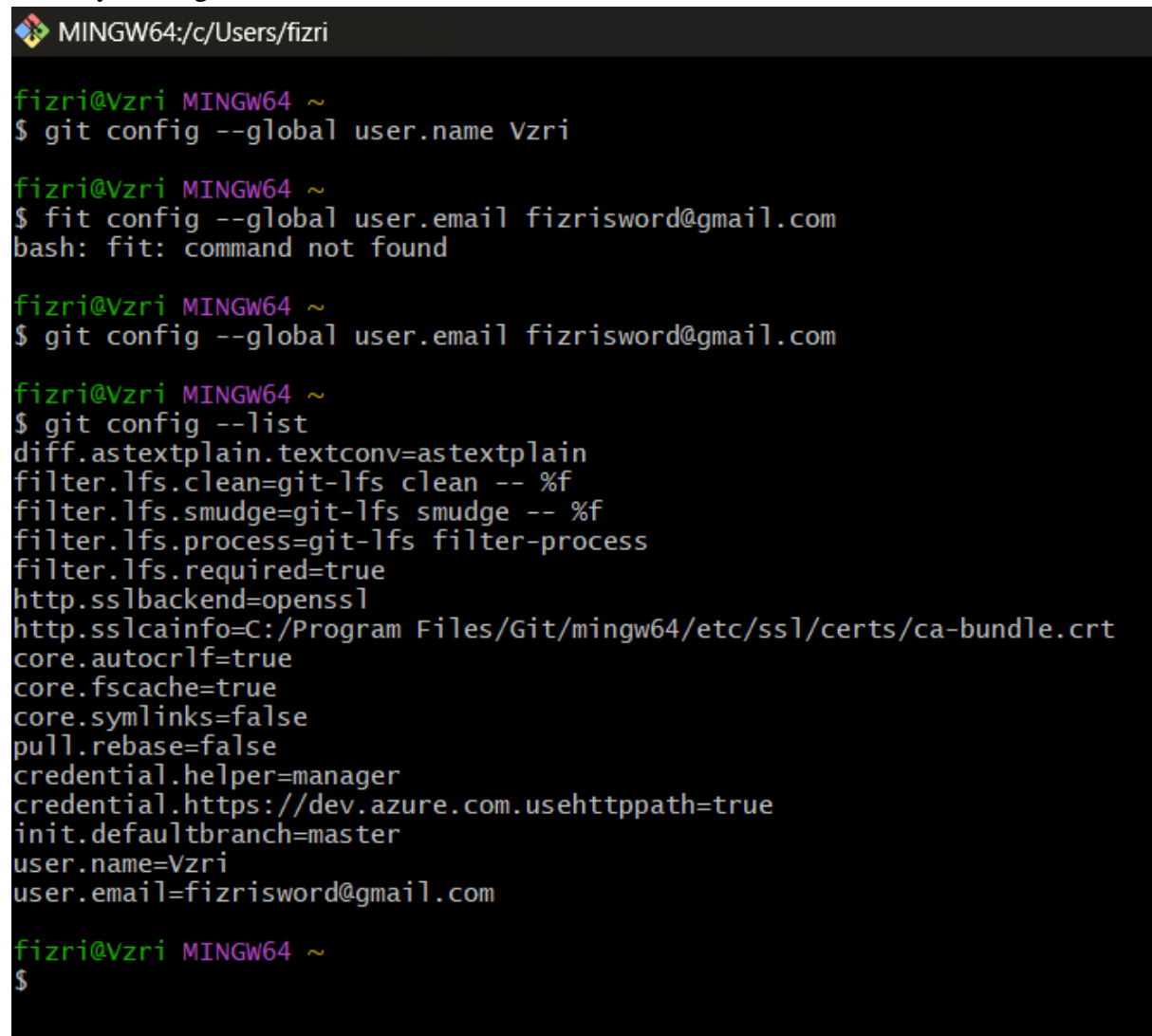
Soal

1. Screenshot langkah-langkah dari pembuatan repository, clone repository, git push dan git pull hingga branching repository sesuai dengan video di praktikum

Jawab

1. Langkah-Langkahnya

A. Menyambungkan



```
MINGW64:/c/Users/fizri

fizri@Vzri MINGW64 ~
$ git config --global user.name Vzri

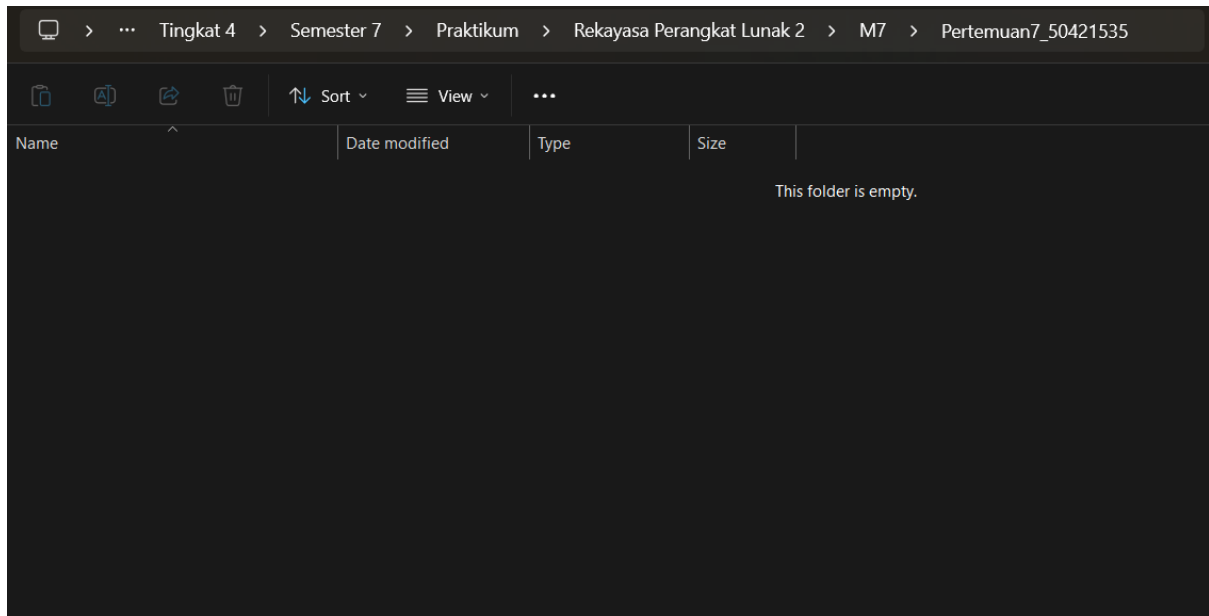
fizri@Vzri MINGW64 ~
$ fit config --global user.email fizrisword@gmail.com
bash: fit: command not found

fizri@Vzri MINGW64 ~
$ git config --global user.email fizrisword@gmail.com

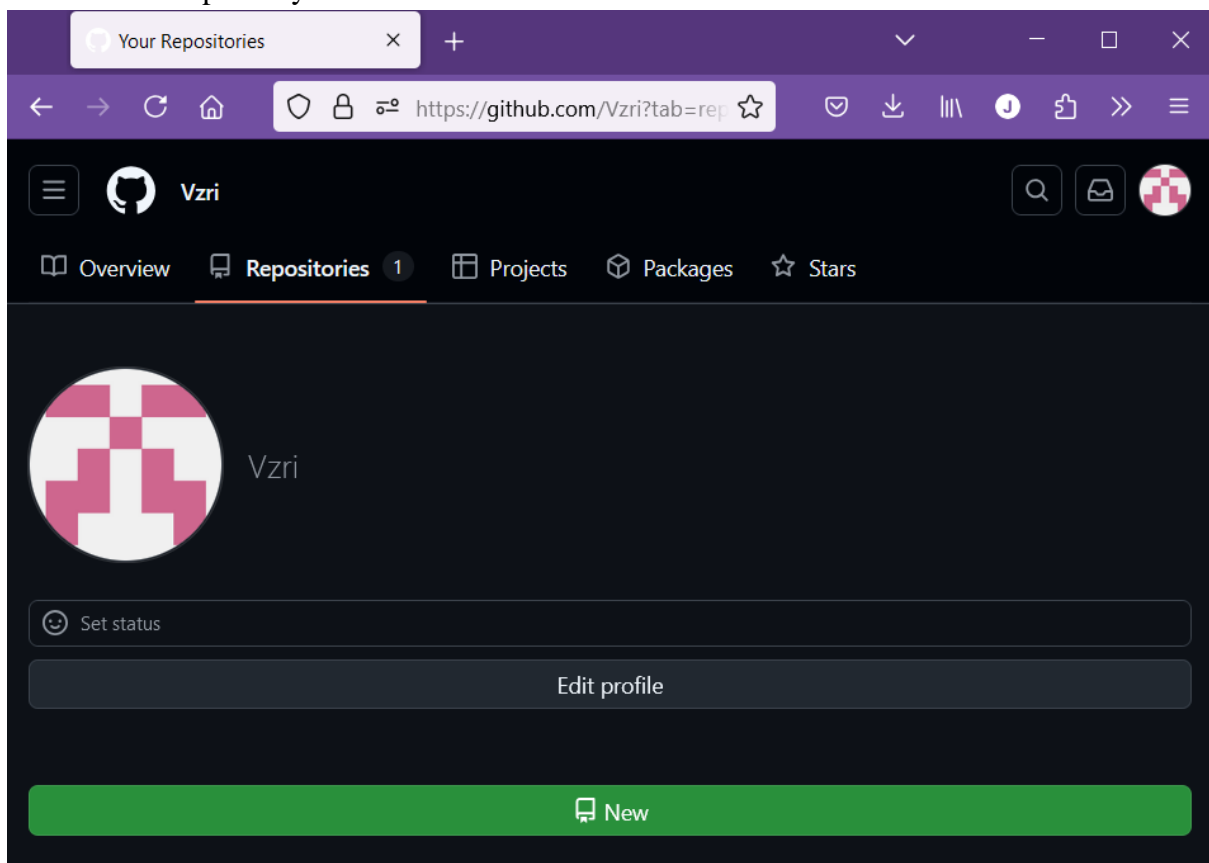
fizri@Vzri MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
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=Vzri
user.email=fizrisword@gmail.com

fizri@Vzri MINGW64 ~
$
```

B.Membuat Direktori di PC



C.Membuat Repository di Github



https://github.com/new

Owner *

Vzri

Repository name *

Pertemuan7_50421535

Pertemuan7_50421535 is available.

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

Description (optional)

☒ 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.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: None

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

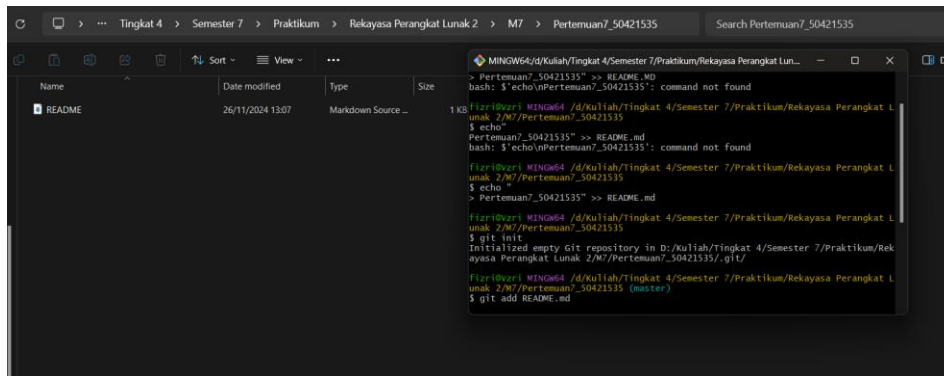
You are creating a public repository in your personal account.

Create repository

D.Membuka Gitbash di rectory Pertemuan7_50421535

The screenshot shows a Windows File Explorer window with the following breadcrumb path: **Tingkat 4 > Semester 7 > Praktikum > Rekayasa Perangkat Lunak 2 > M7 > Pertemuan7_50421535**. The main area of the window is empty, displaying the message "This folder is empty." A right-click context menu is open, listing various actions. The option "Open Git Bash here" is highlighted, indicating the next step in the process.

E.Membuat file README



F.Melakukan First Commit

```
fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (master)
$ git add README
fatal: pathspec 'README' did not match any files

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (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

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (master)
$ git commit -m "First Commit"
[master (root-commit) 667a3e4] First Commit
1 file changed, 2 insertions(+)
create mode 100644 README.MD

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

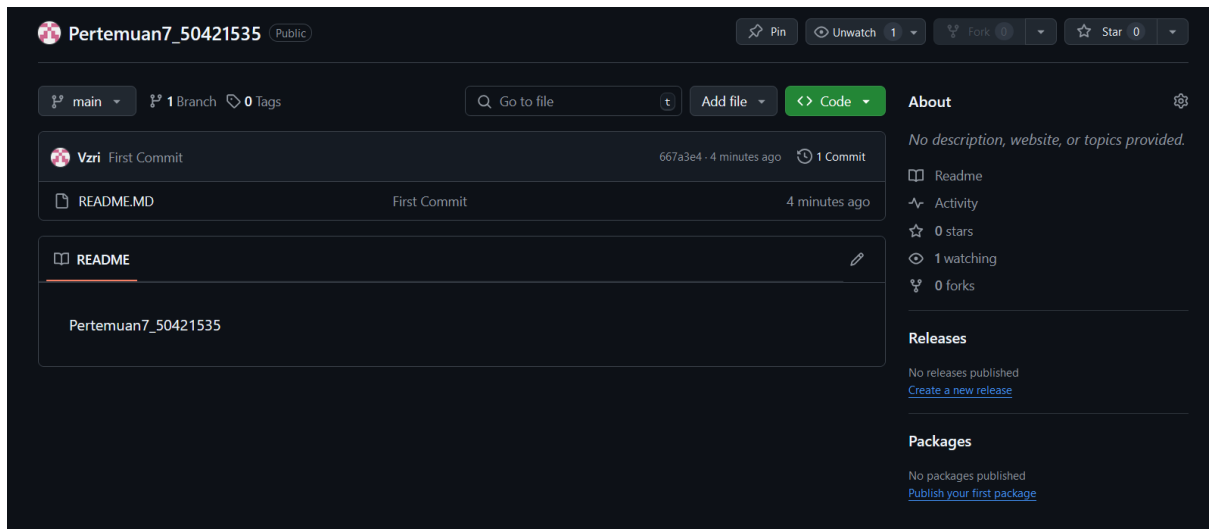
G.Melakukan Push

```
MINGW64:/d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (master)
$ git status
On branch master
nothing to commit, working tree clean

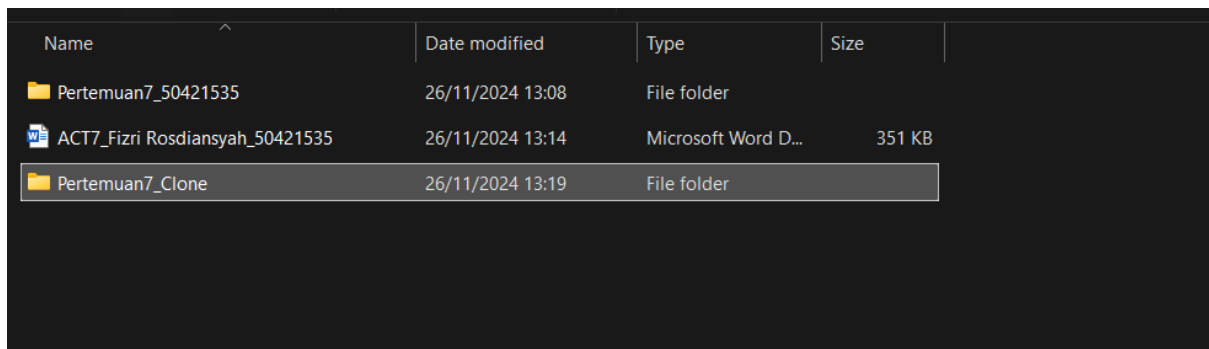
fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (master)
$ git branch -M main

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$ git remote add origin https://github.com/Vzri/Pertemuan7_50421535.git

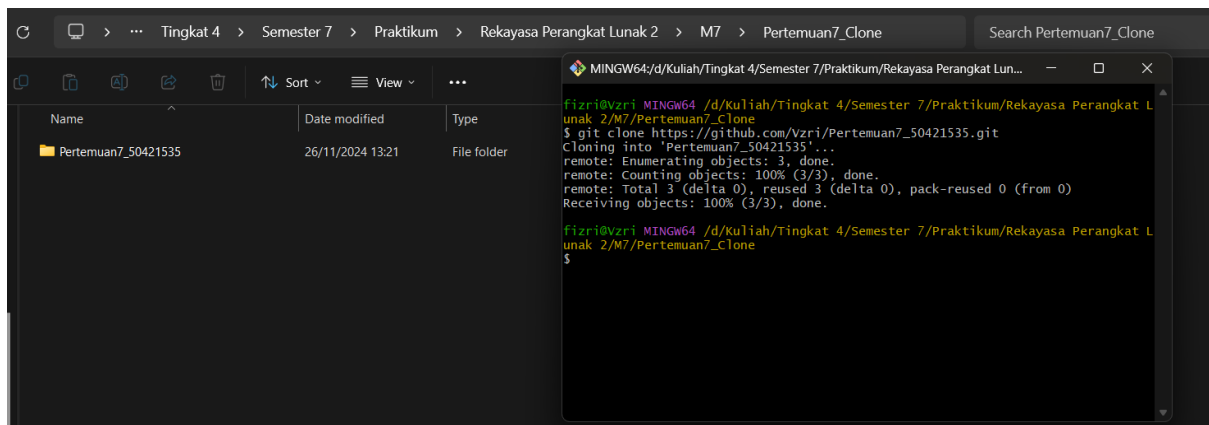
fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 233 bytes | 233.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Vzri/Pertemuan7_50421535.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```



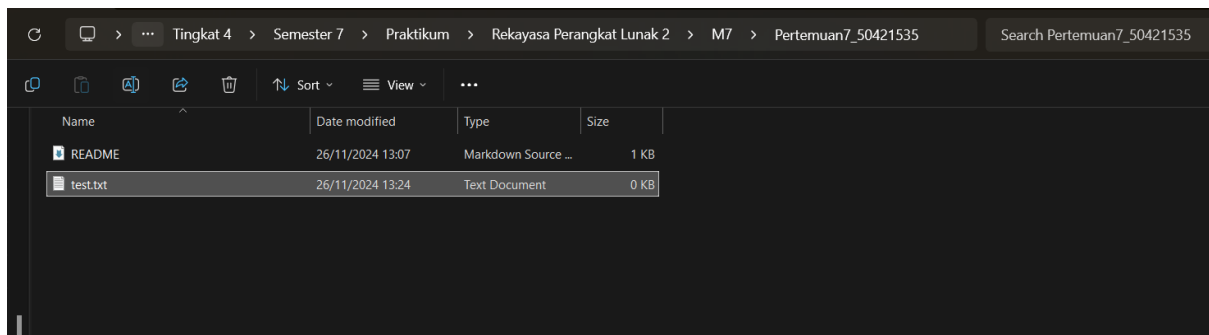
H.Membuat Folder Clone



I.Melakukan Clone



J.Membuat file test.txt



K. Melakukan staging

```
fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (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)

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$ git add .

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (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

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$ |
```

L. Melakukan push ke repository

The screenshot displays a GitHub repository interface for 'Vzri / Pertemuan7_50421535' and a terminal window showing the execution of git commands.

GitHub Repository View:

- Repository: **Pertemuan7_50421535** (Public)
- Branch: **main** (1 Branch, 0 Tags)
- Files: **README.MD** (First Commit), **test.txt** (add test file)
- Releases: No releases published. [Create a new release](#)

Terminal Output:

```
fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$ git commit -m "add test file"
[main 5201cf5] add test file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 test.txt

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$ git push
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), 274 bytes | 274.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Vzri/Pertemuan7_50421535.git
  667a3e4..5201cf5  main -> main

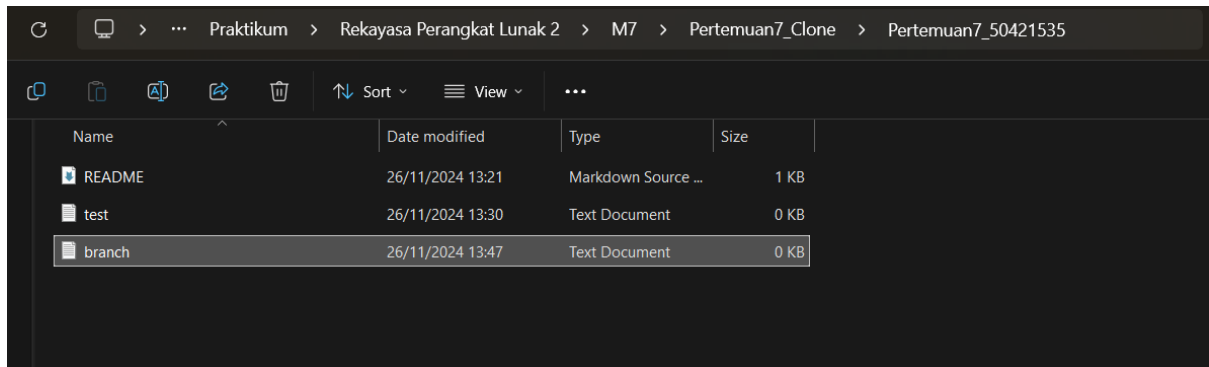
fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$ |

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone
$ cd Pertemuan7_50421535

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (main)
$ git pull
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 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 254 bytes | 127.00 KiB/s, done.
From https://github.com/Vzri/Pertemuan7_50421535
  667a3e4..5201cf5  main -> origin/main
Updating 667a3e4..5201cf5
Fast-forward
 test.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test.txt

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (main)
$ |
```

M.Membuat file branch



```
fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (main)
$ git branch percobaan

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (main)
$ git checkout percobaan
Switched to branch 'percobaan'

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ git status
On branch percobaan
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    branch.txt

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

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ git add .

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ |
```

N. Melakukan Commit, push dan pull file clone ke main

```
MINGW64:/d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ git status
On branch percobaan
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   branch.txt

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ git commit -m "add branch.txt"
[percobaan 7c31d68] add branch.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 branch.txt

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ git pull
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=origin/<branch> percobaan

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ git status
On branch percobaan
nothing to commit, working tree clean

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ git push -u origin main
branch 'main' set up to track 'origin/main'.
Everything up-to-date

fizri@Vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_Clone/Pertemuan7_50421535 (percobaan)
$ git push -u origin percobaan
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 274 bytes | 274.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'percobaan' on GitHub by visiting:
remote:   https://github.com/Vzri/Pertemuan7_50421535/pull/new/percobaan
remote:
To https://github.com/Vzri/Pertemuan7_50421535.git
 * [new branch]   percobaan -> percobaan
branch 'percobaan' set up to track 'origin/percobaan'.
```


Pertemuan7_50421535

Public

Pin

Unwatch1

Fork

Star0

percobaan had recent pushes 2 seconds ago

Compare & pull request

main1 Branch0 Tags

Go to file

Add file

Code

Vzri

add test file

5201cf5 · 45 minutes ago

2 Commits

README.MD

First Commit

1 hour ago

test.txt

add test file

45 minutes ago

README

Pertemuan7_50421535

About

No description, website, or topics provided.

Readme

Activity

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Pertemuan7_50421535

Public

Pin

Unwatch1

Fork

Star0

percobaan had recent pushes 3 minutes ago

Compare & pull request

percobaan2 Branches0 Tags

Go to file

Add file

Code

This branch is 1 commit ahead of main.

Contribute

Vzri

add branch.txt

7c31d68 · 10 minutes ago

3 Commits

README.MD

First Commit

1 hour ago

branch.txt

add branch.txt

10 minutes ago

test.txt

add test file

46 minutes ago

README

Pertemuan7_50421535

About

No description, website, or topics provided.

Readme

Activity

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

base: main ← compare: percobaan ✓ Able to merge. These branches can be automatically merged.

Add a title

Percobaan

Add a description

WritePreview

H B I ≡ <> 🔗

≡ ≡ ≡

🖋️ 🌐 🔄 ↶

Add your description here...

Markdown is supported

Paste, drop, or click to add files

Reviewers

No reviews

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone



Development


Use Closing keywords in the description to automatically close issues


Helpful resources


Create pull request


Percobaan #1

 Open Vzri wants to merge 1 commit into `main` from `percobaan` 

 Conversation 0

 Commits 1

 Checks 0

 Files changed 1



Vzri commented now

Owner ...

No description provided.



  add branch.txt

7c31d68



Require approval from specific reviewers before merging

Add rule ×

[Rulesets](#) ensure specific people approve pull requests before they're merged.



Continuous integration has not been set up

[GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.



This branch has no conflicts with the base branch



Merging can be performed automatically.

Merge pull request





You can also [open this in GitHub Desktop](#) or view [command line instructions](#).


Percobaan #1

 Open Vzri wants to merge 1 commit into `main` from `percobaan` 

 Conversation 0

 Commits 1

 Checks 0

 Files changed 1





Vzri commented 2 minutes ago

Owner ...

No description provided.



  add branch.txt

7c31d68



Vzri merged commit `cedbb80` into `main` now

Revert



Pull request successfully merged and closed

Delete branch

You're all set—the `percobaan` branch can be safely deleted.



Add a comment

O.Berhasil melakukannya

The image shows a GitHub repository page for 'Pertemuan7_50421535' and a terminal window running a git pull command.

GitHub Repository Details:

- Repository: **Pertemuan7_50421535** (Public)
- Branches: 2 (main, percobaan)
- Tags: 0
- Commits: 4
- Files: README.MD, branch.txt, test.txt
- Activity: 1 hour ago, 16 minutes ago, 53 minutes ago
- Releases: No releases published
- Packages: No packages published

Terminal Output:

```
MINGW64/d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2...
fizri@vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$ git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 2 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 1.10 KiB | 563.00 KiB/s, done.
From https://github.com/vzri/Pertemuan7_50421535
  5201cf5..cedbb80  main       -> origin/main
  * [new branch]   percobaan  -> origin/percobaan
Updating 5201cf5..cedbb80
Fast-forward
 branch.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 branch.txt

fizri@vzri MINGW64 /d/Kuliah/Tingkat 4/Semester 7/Praktikum/Rekayasa Perangkat Lunak 2/M7/Pertemuan7_50421535 (main)
$
```