

# Git Branch & Merge

Dr. T. Brenda Chandrawati

# Change direktory\_1

01

Jalankan Git  
bash

02

Ketikan : cd  
kemudian  
nama folder

03

Utk melihat :  
Pwd (print  
working  
directory)

# Change directory\_1



```
> This PC > New Volume (D:) > Git_GitHub > Repo2
MINGW64:/d/Git_GitHub/Repo2

User@MSI MINGW64 ~ (master)
$ cd /d/Git_GitHub/Repo2

User@MSI MINGW64 /d/Git_GitHub/Repo2 (master)
$ |
```

# Change direktory\_2

01

Masuk ke  
dalam folder

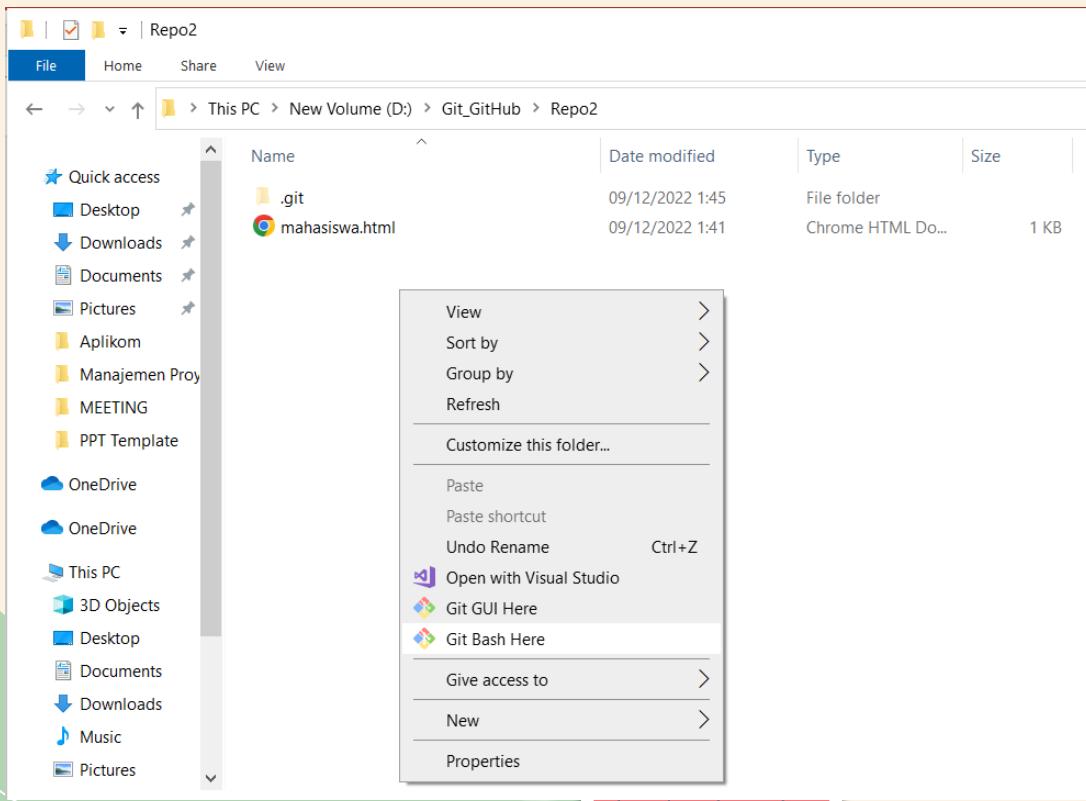
02

Klik kanan

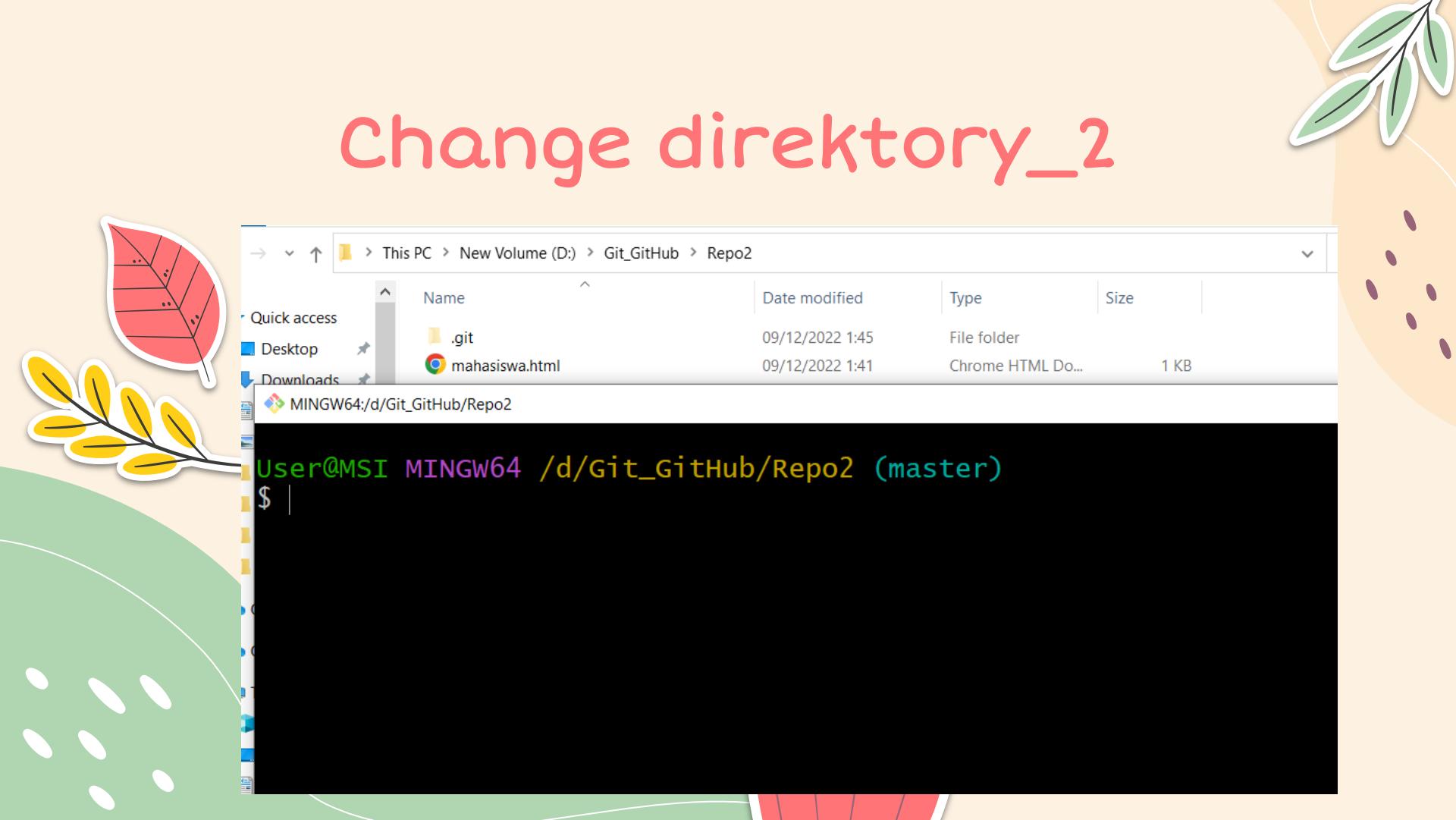
03

Pilih Git Bash  
Here

# Change directory\_2



# Change directory\_2



```
MINGW64:/d/Git_GitHub/Repo2 (master)
$ |
```

# Membuat folder baru

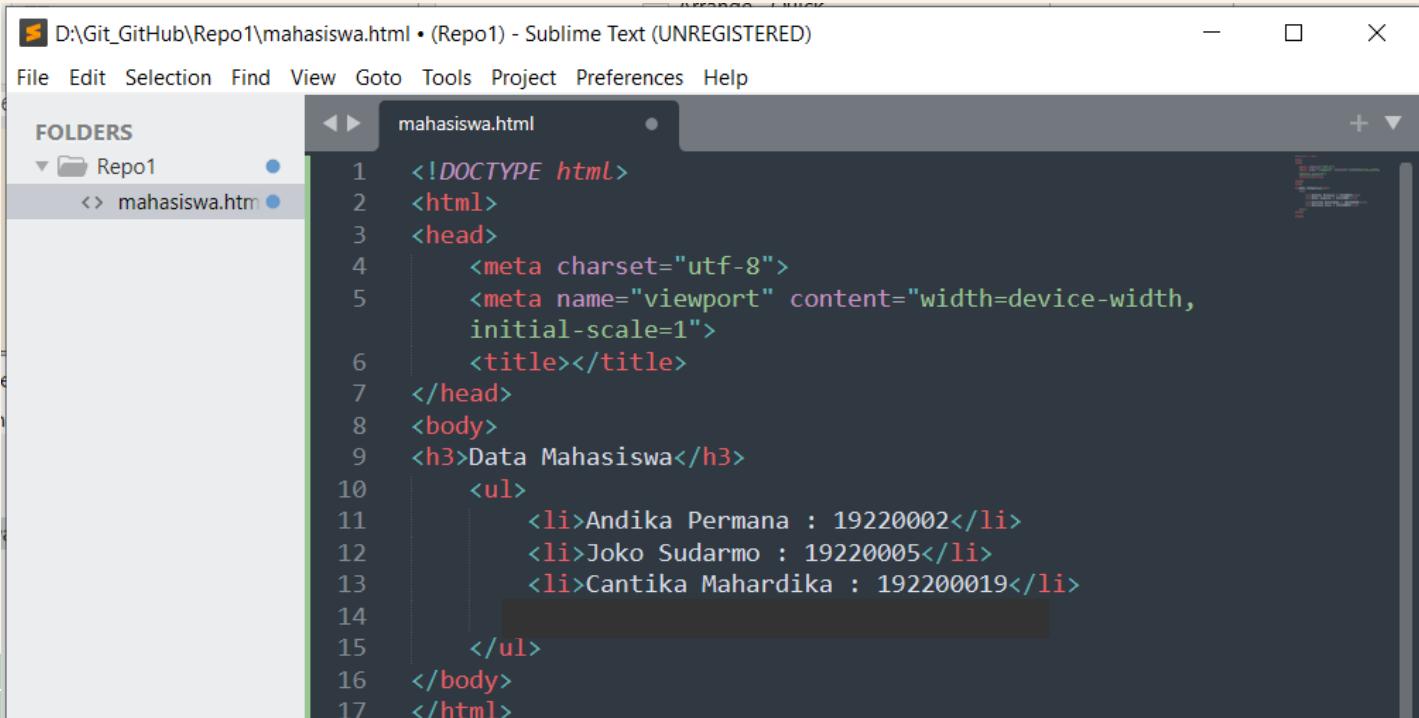
- Buat folder baru
- Buatlah folder baru tersebut menjadi sebuah repo dengan mengetik :  
\$ git init

# Membuat proyek baru

Membuat sebuah projek sederhana

- Buat file yang mengelola data mahasiswa
- Buka folder yang sudah dibuat sebelumnya dalam Sublime Text/Visual Studio Code/yang lain

# Membuat proyek baru – Sublime Text



The image shows a screenshot of the Sublime Text 3 interface. The title bar indicates the file is 'D:\Git\_GitHub\Repo1\mahasiswa.html' and the project is 'Repo1'. The menu bar includes File, Edit, Selection, Find, View, Goto, Tools, Project, Preferences, and Help. On the left, there's a sidebar titled 'FOLDERS' showing a single folder 'Repo1' containing 'mahasiswa.html'. The main editor area displays the following HTML code:

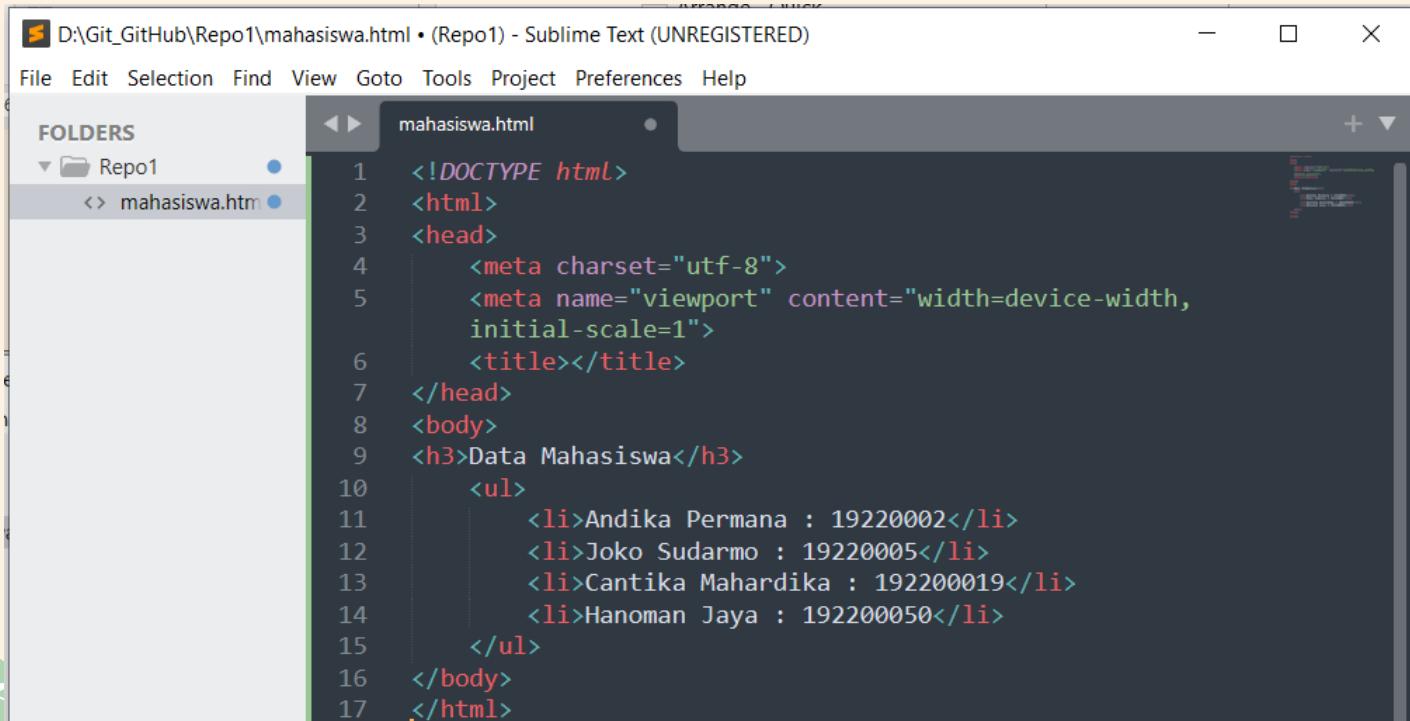
```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,
initial-scale=1">
<title></title>
</head>
<body>
<h3>Data Mahasiswa</h3>
<ul>
<li>Andika Permana : 19220002</li>
<li>Joko Sudarmo : 19220005</li>
<li>Cantika Mahardika : 192200019</li>
</ul>
</body>
</html>
```

# Membuat proyek baru – Sublime Text

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git add .

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git commit -m "menambahkan file mahasiswa"
[master 20ca837] menambahkan file mahasiswa
 1 file changed, 16 insertions(+)
```

# Membuat proyek baru – Sublime Text



The image shows a screenshot of the Sublime Text editor. The title bar indicates the file is 'D:\Git\_GitHub\Repo1\mahasiswa.html' in 'Repo1' project, and it is an unregistered version. The menu bar includes File, Edit, Selection, Find, View, Goto, Tools, Project, Preferences, and Help. On the left, there's a sidebar titled 'FOLDERS' showing a 'Repo1' folder containing 'mahasiswa.html'. The main pane displays the following HTML code:

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
    initial-scale=1">
    <title></title>
</head>
<body>
<h3>Data Mahasiswa</h3>
<ul>
    <li>Andika Permana : 19220002</li>
    <li>Joko Sudarmo : 19220005</li>
    <li>Cantiika Mahardika : 192200019</li>
    <li>Hanoman Jaya : 192200050</li>
</ul>
</body>
</html>
```

# Membuat proyek baru – Sublime Text

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git add .

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git commit -m "menambahkan file mahasiswa"
[master 20ca837] menambahkan file mahasiswa
 1 file changed, 16 insertions(+)

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git status
On branch master
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:   mahasiswa.html

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

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```

# Membuat proyek baru – Sublime Text

```
$ git add .  
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)  
$ git commit -m "menambahkan file mahasiswa"  
[master 20ca837] menambahkan file mahasiswa  
 1 file changed, 16 insertions(+)  
  
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)  
$ git status  
On branch master  
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:   mahasiswa.html  
  
no changes added to commit (use "git add" and/or "git commit -a")  
  
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)  
$ git commit -am "menambahkan data 1 mahasiswa"  
[master bd59aa8] menambahkan data 1 mahasiswa  
 1 file changed, 1 insertion(+)
```

# Membuat proyek baru – Sublime Text

```
MINGW64:/d/Git_GitHub/Repo1
1 file changed, 16 insertions(+)

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git status
On branch master
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:   mahasiswa.html

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

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git commit -am "menambahkan data 1 mahasiswa"
[master bd59aa8] menambahkan data 1 mahasiswa
 1 file changed, 1 insertion(+)

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

# Membuat proyek baru-Visual Studio Code



A screenshot of the Visual Studio Code interface showing a new project setup. The title bar reads "mahasiswa.html - Repo2 - Visual Studio Code". The left sidebar shows an "EXPLORER" view with a folder named "REPO2" containing a file "mahasiswa.html". The main editor area displays the following HTML code:

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Coba Git</title>
8  </head>
9  <body>
10     <h3>Data Mahasiswa</h3>
11     <ul>
12         <li>Andika Permana : 19220002</li>
13         <li>Joko Sudarmo : 19220005</li>
14     </ul>
15 </body>
16 </html>
```

# Membuat proyek baru-Visual Studio Code



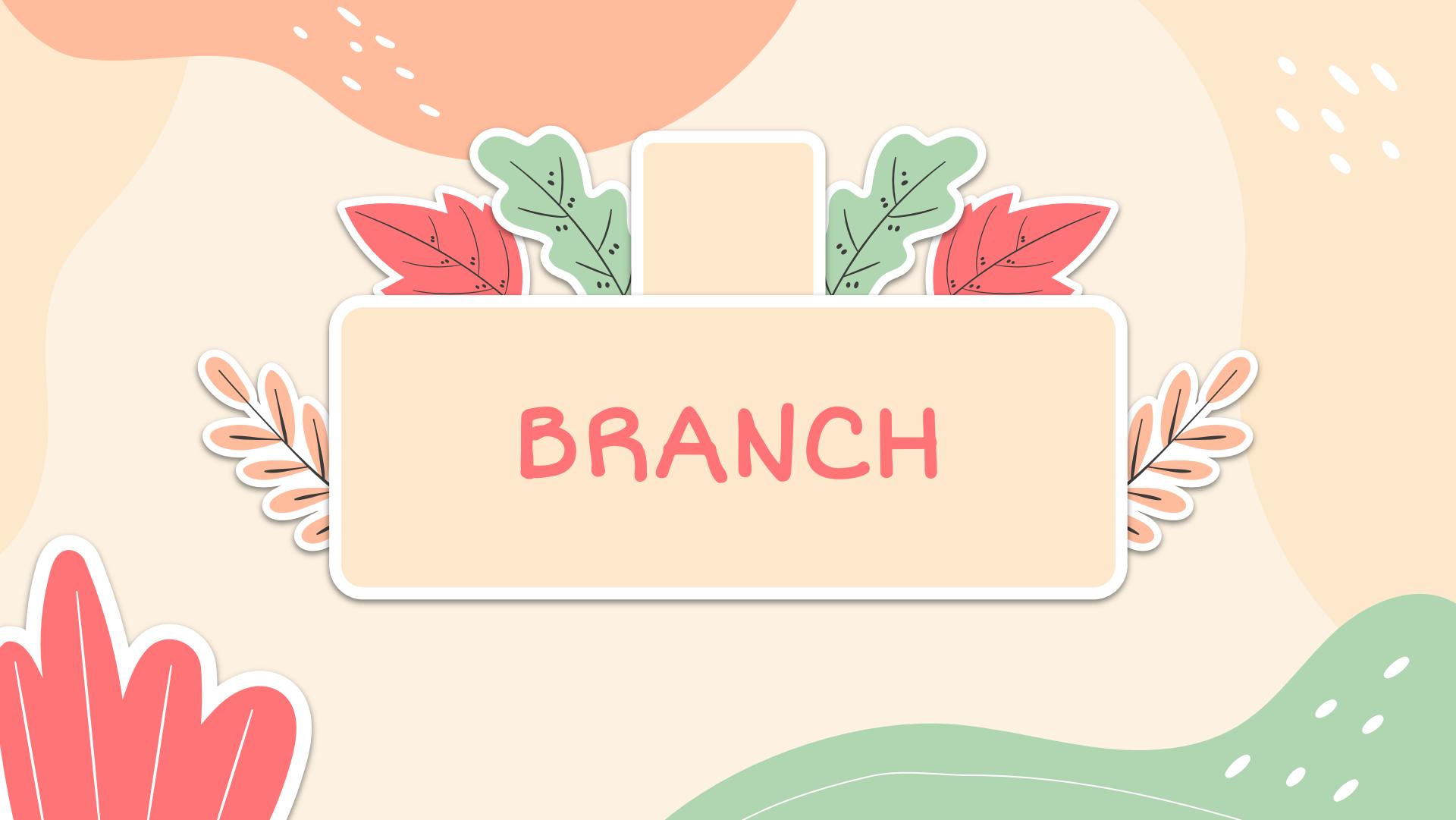
A screenshot of the Visual Studio Code interface showing a new project setup. The title bar reads "mahasiswa.html - Repo2 - Visual Studio Code". The left sidebar shows a file tree under "REPO2" with "mahasiswa.html" selected. The main editor area displays the following HTML code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Coba Git</title>
</head>
<body>
    <h3>Data Mahasiswa</h3>
    <ul>
        <li>Andika Permana : 19220002</li>
        <li>Joko Sudarmo : 19220005</li>
        <li>Cantika Mahardika : 192200019</li>
    </ul>
</body>
</html>
```

# Membuat proyek baru-Visual Studio Code

```
MINGW64:/d/Git_GitHub/Repo2
User@MSI MINGW64 /d/Git_GitHub/Repo2 (master)
$ git commit -am "menambahkan data 1 mahasiswa"
[master (root-commit) 82a9ebc] menambahkan data 1 mahasiswa
 1 file changed, 17 insertions(+)
 create mode 100644 mahasiswa.html

User@MSI MINGW64 /d/Git_GitHub/Repo2 (master)
$ |
```



BRANCH



# Let's try

## Implementasi Branch



# Implementasi Branch



# Implementasi Branch

git branch <nama branch>



# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1  
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)  
$ git branch  
* master  
  
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)  
$ |
```

# Implementasi Branch

- Membuat branch dosen dengan mengetikkan :  
\$ git branch dosen
- Membuat branch dosen dengan mengetikkan :  
\$ git branch tendik
- Untuk mengecek branch yang ada :  
\$ git branch

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch
* master

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch dosen

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch tendik

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch
  dosen
* master
  tendik

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```

# Implementasi Branch

- Untuk melihat perjalanan branch yang dipunya menggunakan sebuah graph

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git log
commit bd59aa8e9ea3483331ae7417538c0a219b44d8a0 (HEAD -> master, tendik, dosen)
Author: Brendawinarko <windakerja22@gmail.com>
Date:   Fri Dec 9 02:42:55 2022 +0700

    menambahkan data 1 mahasiswa

commit 20ca837d5ddcc5e35c9a4bf49fc5d6c1bdee6a7
Author: Brendawinarko <windakerja22@gmail.com>
Date:   Fri Dec 9 02:29:51 2022 +0700

    menambahkan file mahasiswa

commit 8411ba5610bb58d2bad85bc144cfa3f3bb76c63f
Author: Brendawinarko <windakerja22@gmail.com>
Date:   Fri Dec 9 02:23:30 2022 +0700

    menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$
```

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git log --all --decorate --oneline --graph|
```

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git log --all --decorate --oneline --graph
* bd59aa8 (HEAD -> master, tendik, dosen) menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```

# Implementasi Branch

- Untuk mempersingkat penulisan perintah memunculkan semua branch dapat dilakukan dengan membuat alias graph = “ ”

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git log --all --decorate --oneline --graph
* bd59aa8 (HEAD -> master, tendik, dosen) menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ alias graph="git log --all --decorate --oneline --graph"

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ graph
* bd59aa8 (HEAD -> master, tendik, dosen) menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```

# Implementasi Branch

git checkout <nama branch>



# Implementasi Branch

git checkout <nama branch>

Mahasiswa.html  
commit : 637u6e

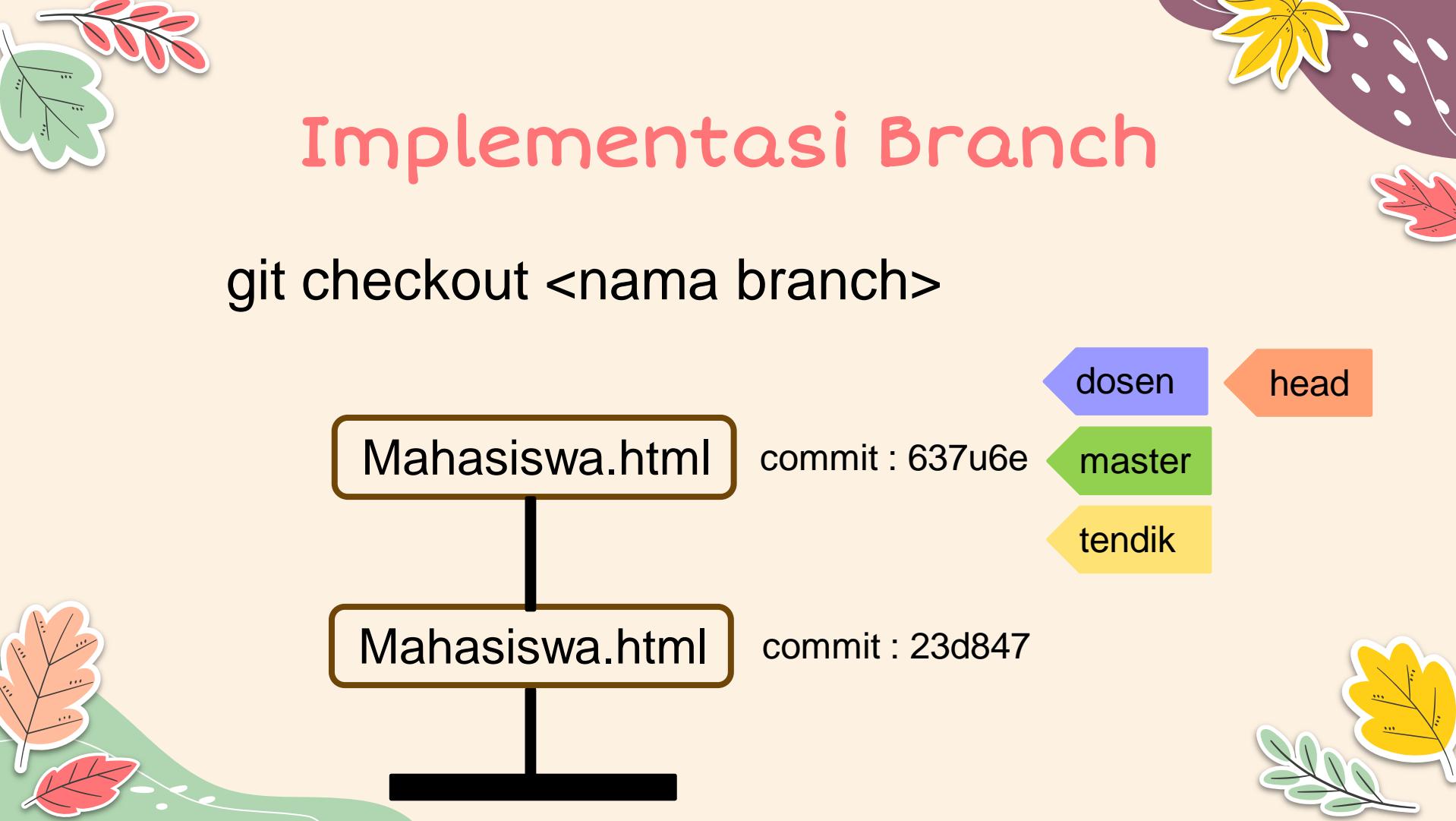
Mahasiswa.html  
commit : 23d847

dosen

head

master

tendik



# Implementasi Branch

mahasiswa.html  
dosen.html

commit : 637u6e

dosen

head

mahasiswa.html

commit : 637u6e

master

tendik

mahasiswa.html

commit : 23d847

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch
  dosen
* master
  tendik

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git checkout dosen
Switched to branch 'dosen'

User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git branch
* dosen
  master
  tendik

User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ |
```



D:\Git\_GitHub\Repo1\dosen.html (Repo1) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS

Repo1

<> dosen.html

<> mahasiswa.html

<> tendik.html

mahasiswa.html      x      dosen.html      x      tendik.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <meta charset="utf-8">
5      <meta name="viewport" content="width=device-width,
6          initial-scale=1">
7      <title></title>
8  </head>
9  <body>
10     <h3>Data Mahasiswa</h3>
11     <ul>
12         <li>Prof Ridwan Sanjaya : 582000200</li>
13         <li>Erdhi Widyarto, MT : 582000205</li>
14         <li>Agus Cahyo, MT : 582017500</li>
15         <li>Dr. Brenda Ch : 582017500</li>
16     </ul>
17 </body>
18 </html>
```

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git status
On branch dosen
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:   dosen.html

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

User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git add .

User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git commit -m "menambahkan data dosen.html"
[dosen 61904dc] menambahkan data dosen.html
 1 file changed, 3 insertions(+), 2 deletions(-)

User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ |
```

# Implementasi Branch



```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git checkout master
```

# Implementasi Branch

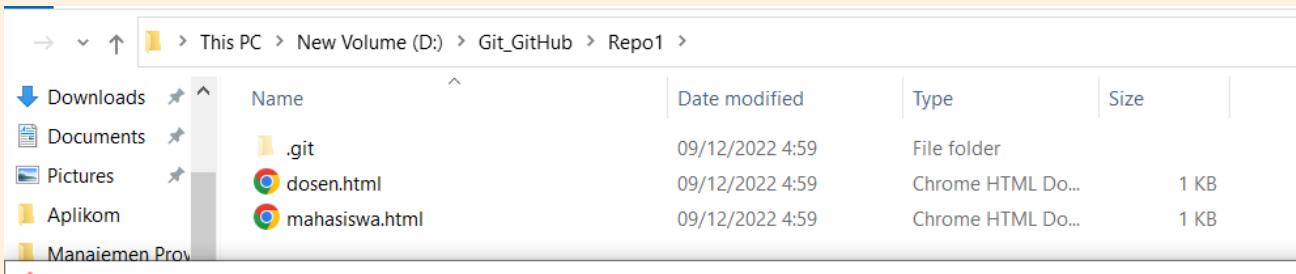
This PC > New Volume (D:) > Git_GitHub > Repo1 >				
	Name	Date modified	Type	Size
Downloads				
Documents				
Pictures				
Aplikom				
Manaiemen Prov				
.git	09/12/2022 4:58	File folder		
mahasiswa.html	09/12/2022 4:58	Chrome HTML Do...	1 KB	

MINGW64:/d/Git\_GitHub/Repo1

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git checkout master
Switched to branch 'master'
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```

# Implementasi Branch



```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git checkout master
Switched to branch 'master'
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git checkout dosen
Switched to branch 'dosen'
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ |
```

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git log --all --decorate --oneline --graph
* 61904dc (HEAD -> dosen) menambahkan data dosen.html
* 8d96b99 menambahkan file dosen.html
* bd59aa8 (tendik, master) menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ |
```

# Implementasi Branch

mahasiswa.html  
dosen.html

commit : 637u6e

dosen

head

mahasiswa.html

commit : 637u6e

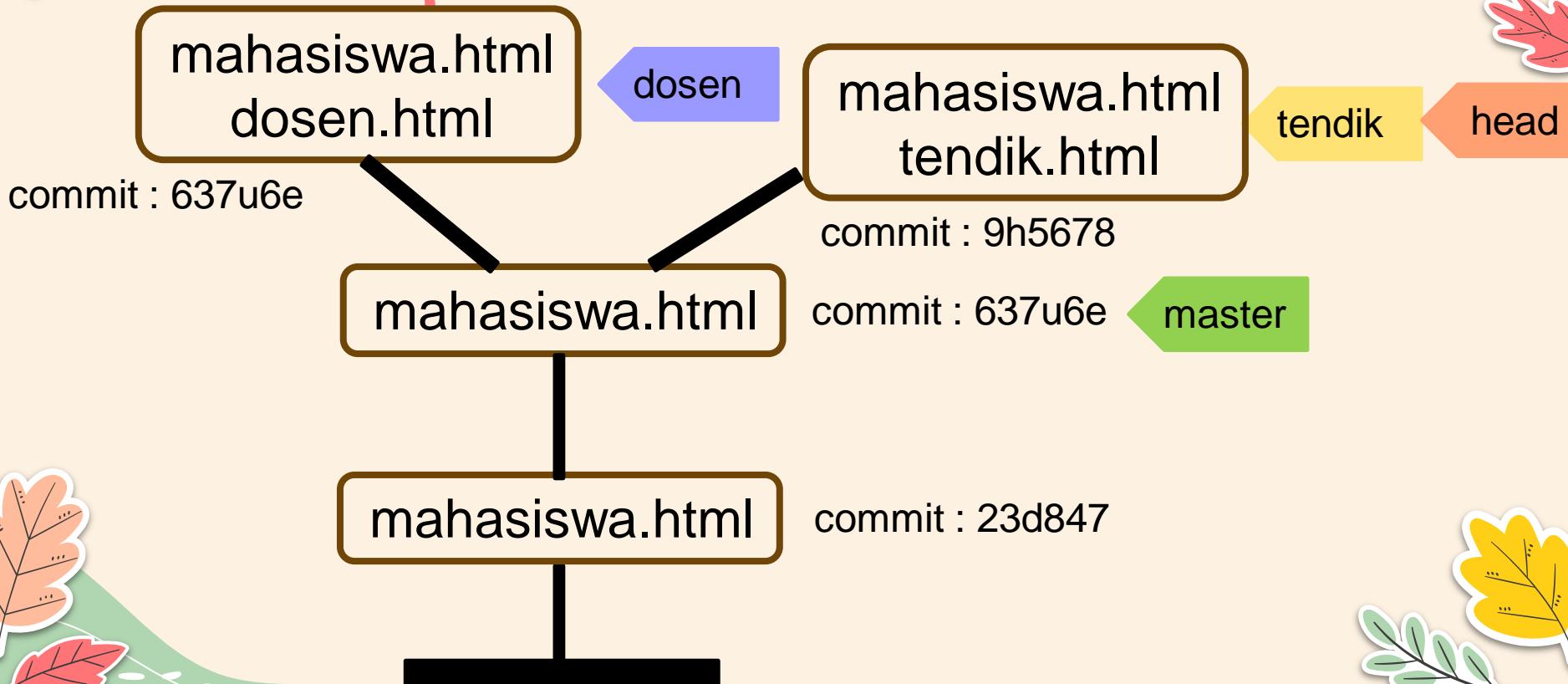
master

tendik

mahasiswa.html

commit : 23d847

# Implementasi Branch



# Implementasi Branch

The screenshot shows a Windows File Explorer window and a terminal window. The File Explorer window displays a folder structure under 'This PC > New Volume (D:) > Git\_GitHub > Repo1'. Inside the 'Repo1' folder, there are two items: '.git' (File folder) and 'mahasiswa.html' (Chrome HTML Document). The terminal window shows the following command-line session:

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git log --all --decorate --oneline --graph
* 61904dc (HEAD -> dosen) menambahkan data dosen.html
* 8d96b99 menambahkan file dosen.html
* bd59aa8 (tendik, master) menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git checkout tendik
Switched to branch 'tendik'

User@MSI MINGW64 /d/Git_GitHub/Repo1 (tendik)
```

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git log --all --decorate --oneline --graph
* 61904dc (HEAD -> dosen) menambahkan data dosen.html
* 8d96b99 menambahkan file dosen.html
* bd59aa8 (tendik, master) menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (dosen)
$ git checkout tendik
Switched to branch 'tendik'

User@MSI MINGW64 /d/Git_GitHub/Repo1 (tendik)
$ git add .

User@MSI MINGW64 /d/Git_GitHub/Repo1 (tendik)
$ git commit -m "menambahkan file tendik.html"
[tendik 5931fb] menambahkan file tendik.html
 1 file changed, 15 insertions(+)
 create mode 100644 tendik.html

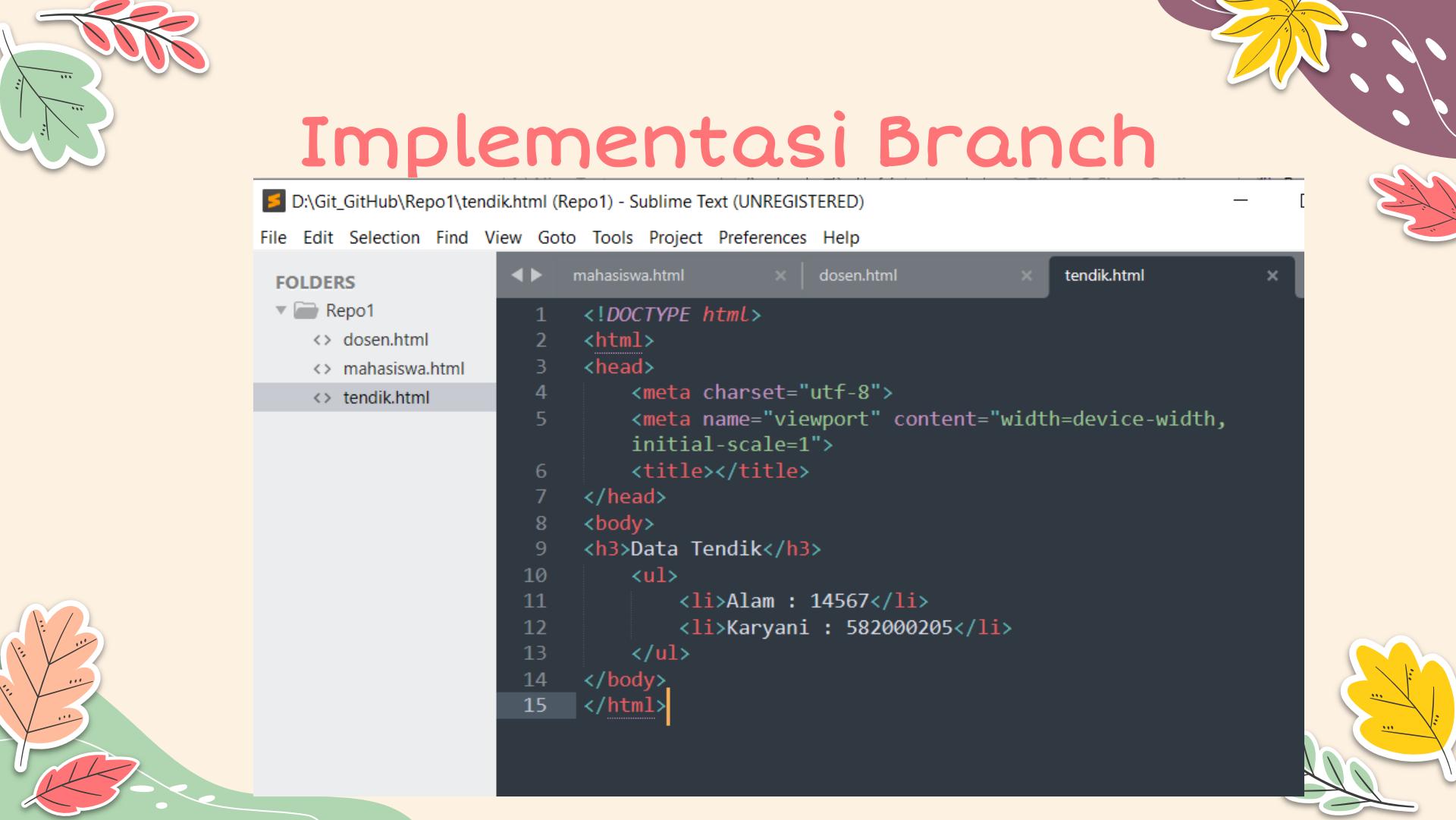
User@MSI MINGW64 /d/Git_GitHub/Repo1 (tendik)
$ |
```

# Implementasi Branch

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (tendik)
$ git log --all --decorate --oneline --graph
* 5931fb9 (HEAD -> tendik) menambahkan file tendik.html
| * 61904dc (dosen) menambahkan data dosen.html
| * 8d96b99 menambahkan file dosen.html
|
* bd59aa8 (master) menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (tendik)
$ |
```

# Implementasi Branch



D:\Git\_GitHub\Repo1\tendik.html (Repo1) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS

- Repo1
  - dosen.html
  - mahasiswa.html
  - tendik.html

mahasiswa.html    dosen.html    tendik.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width,
6         initial-scale=1">
7     <title></title>
8 </head>
9 <body>
10    <h3>Data Tendik</h3>
11    <ul>
12        <li>Alam : 14567</li>
13        <li>Karyani : 582000205</li>
14    </ul>
15 </body>
16 </html>
```



MERGE

# Implementasi Merge

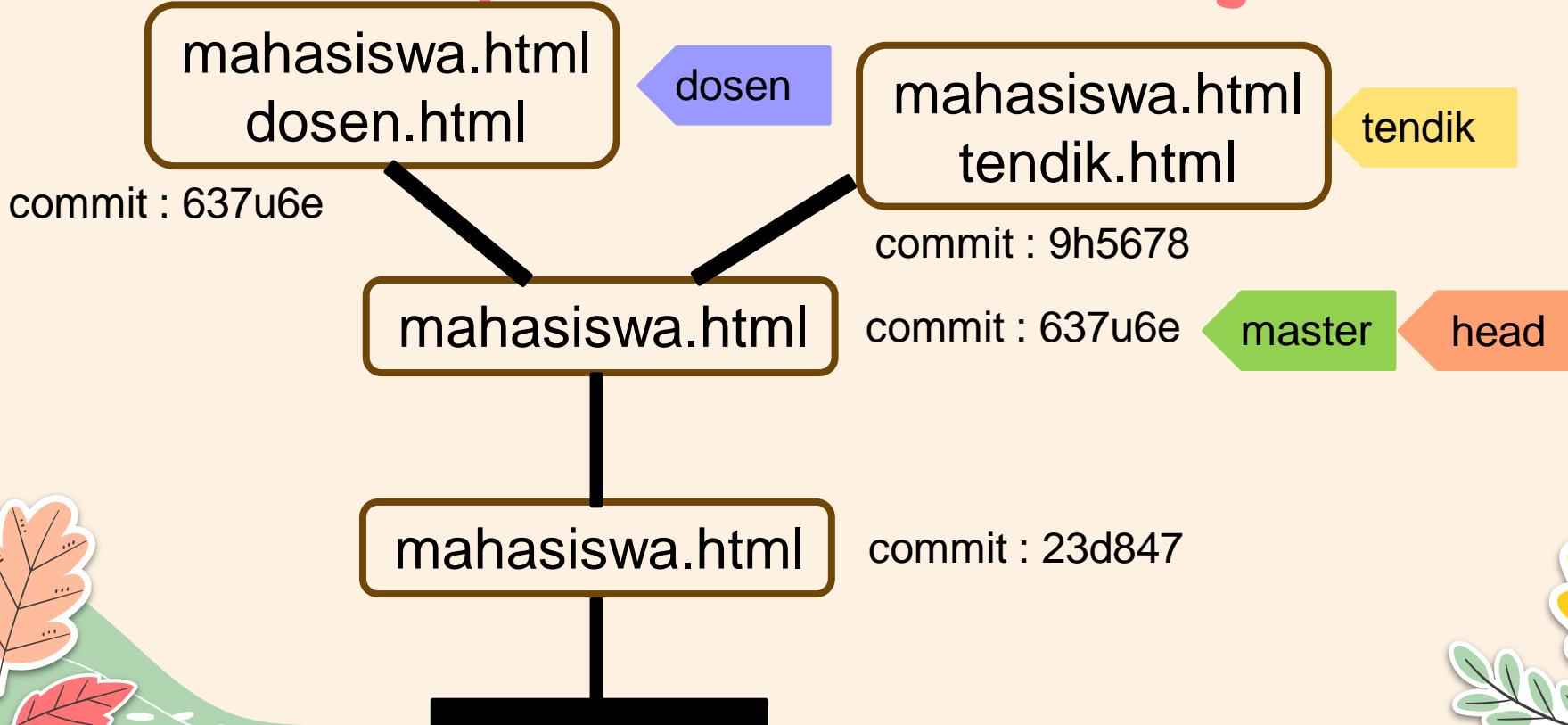
## Jenis Merge

- Fast Forward :
- Three-way Merge

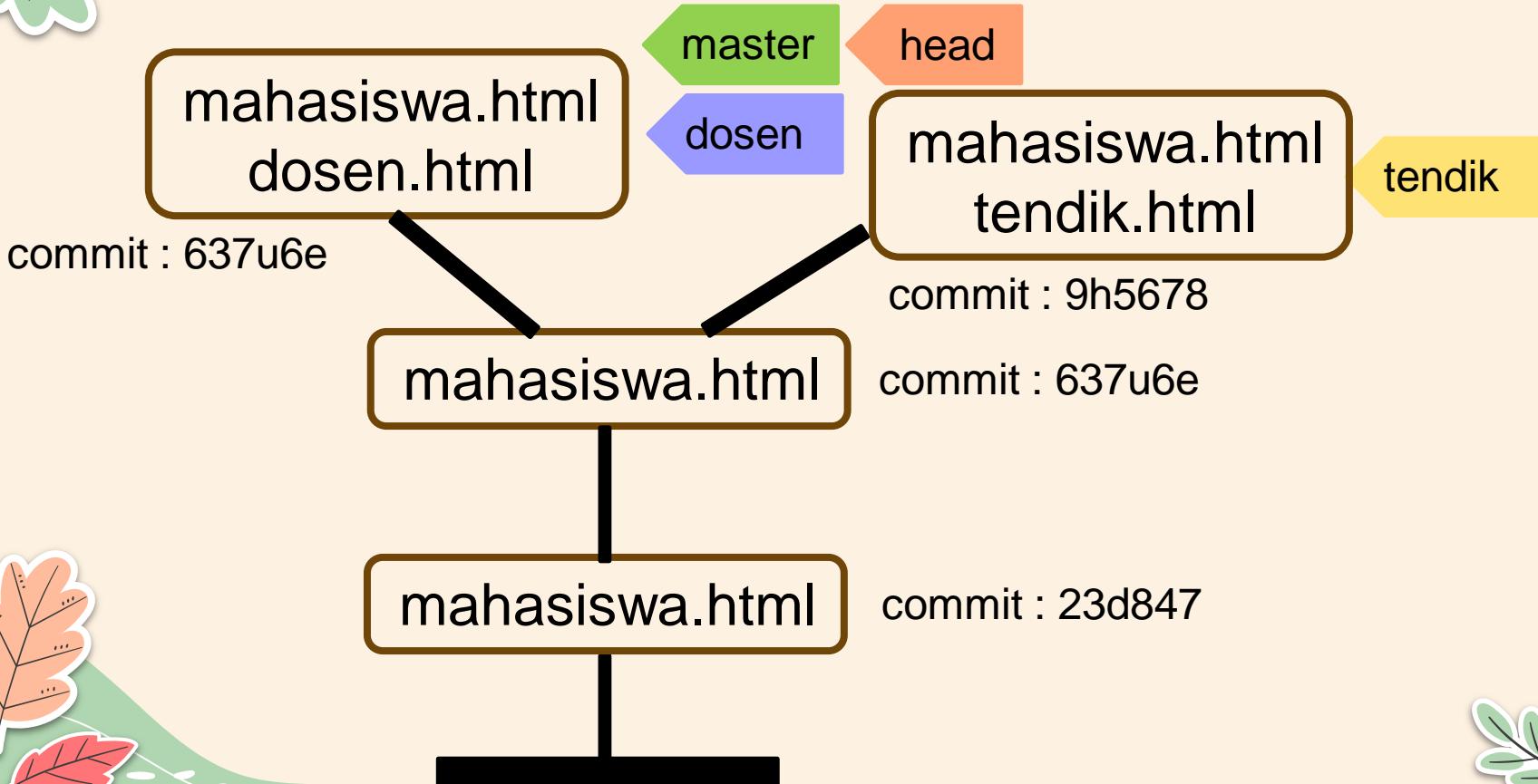
# Implementasi Merge

- Fast Forward :  
terjadi Ketika branch yang ingin digabungkan berada pada jalur langsung /direct path

# Implementasi Merge



# \$ git merge dosen



# Implementasi Merge

```
MINGW64:/d/Git_GitHub/Repo1
| * 8d96b99 menambahkan file dosen.html
|/
* bd59aa8 (master) menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa

User@MSI MINGW64 /d/Git_GitHub/Repo1 (tendik)
$ git branch
  dosen
  master
* tendik

User@MSI MINGW64 /d/Git_GitHub/Repo1 (tendik)
$ git checkout master
Switched to branch 'master'

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch
  dosen
* master
  tendik

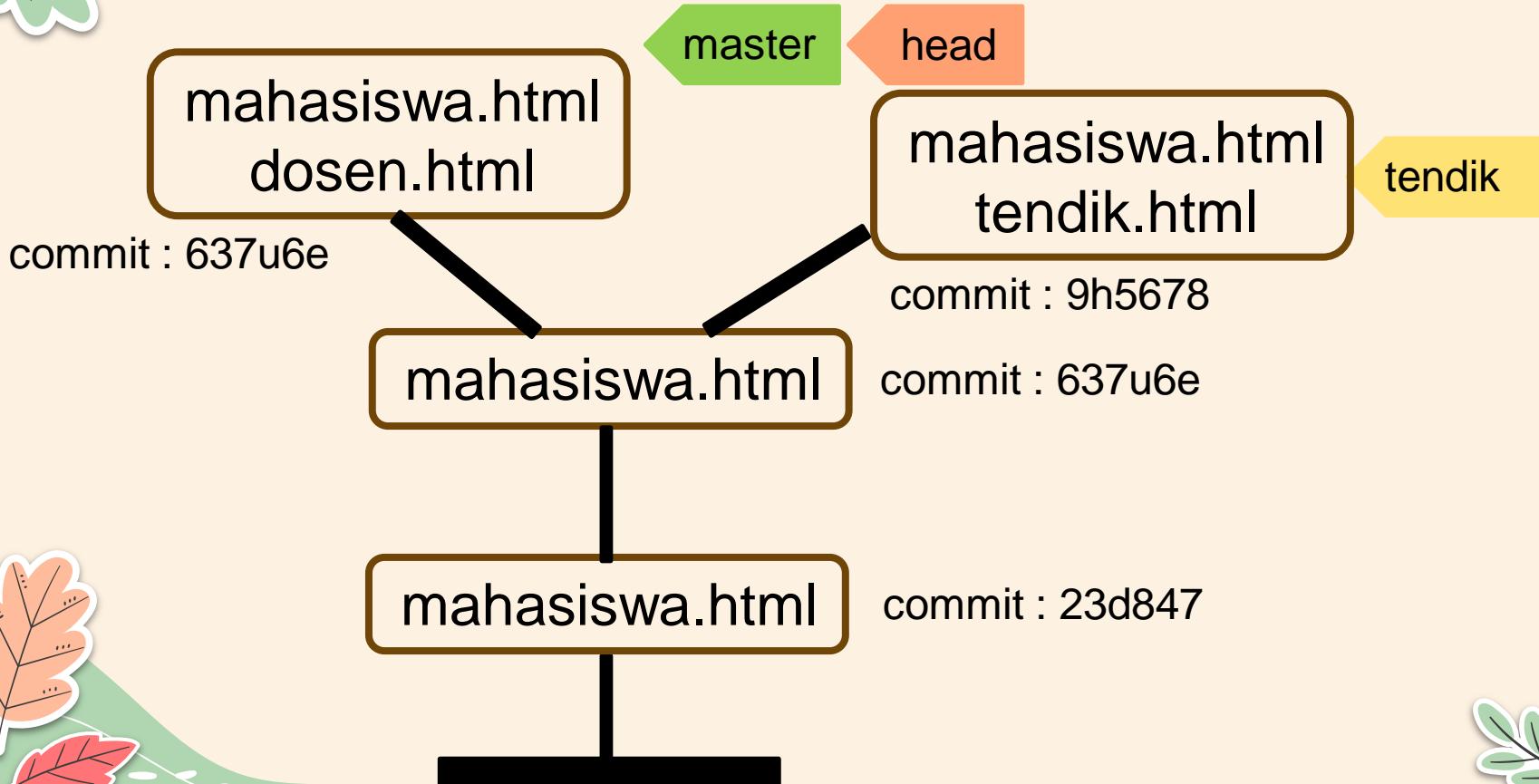
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$
```

# Implementasi Merge

```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git merge dosen
Updating bd59aa8..61904dc
Fast-forward
  dosen.html      | 17 ++++++-----+
  mahasiswa.html |  2 +-+
2 files changed, 18 insertions(+), 1 deletion(-)
create mode 100644 dosen.html

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```

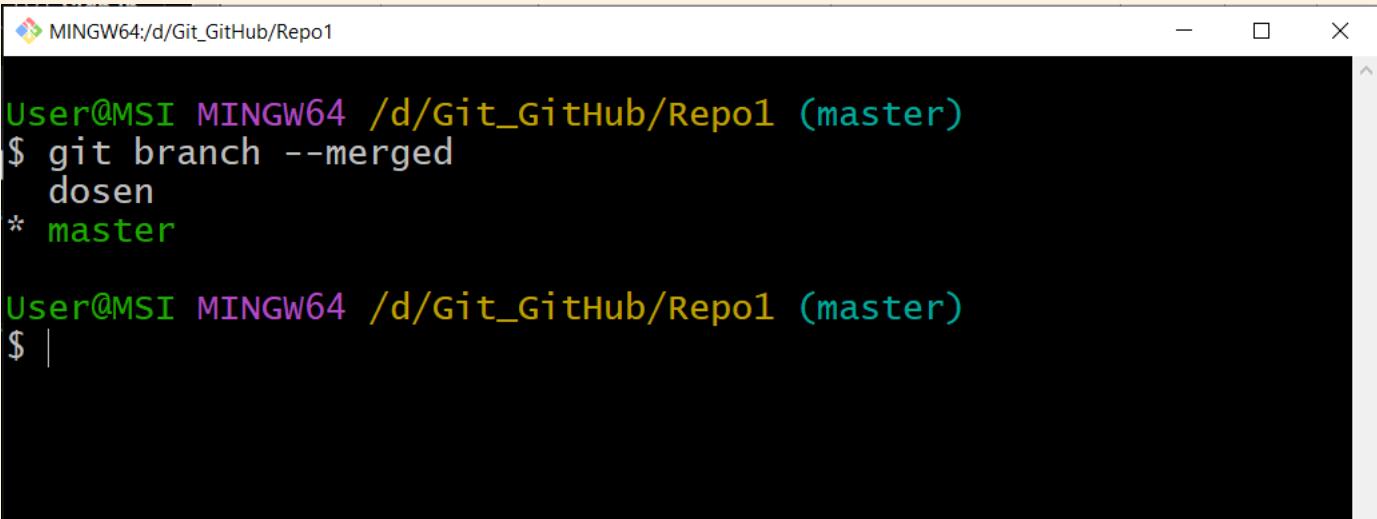
# \$ git branch -d dosen



# Menghapus branch

Untuk melihat file yang di merge :

```
$ git branch --merged
```



```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch --merged
dosen
* master

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```

# Menghapus branch

Untuk menghapus file yang di merge :  
\$ git branch -d <nama file>

```
MINGW64:/d/Git_Github/Repo1
User@MSI MINGW64 /d/Git_Github/Repo1 (master)
$ git branch --merged
  dosen
* master

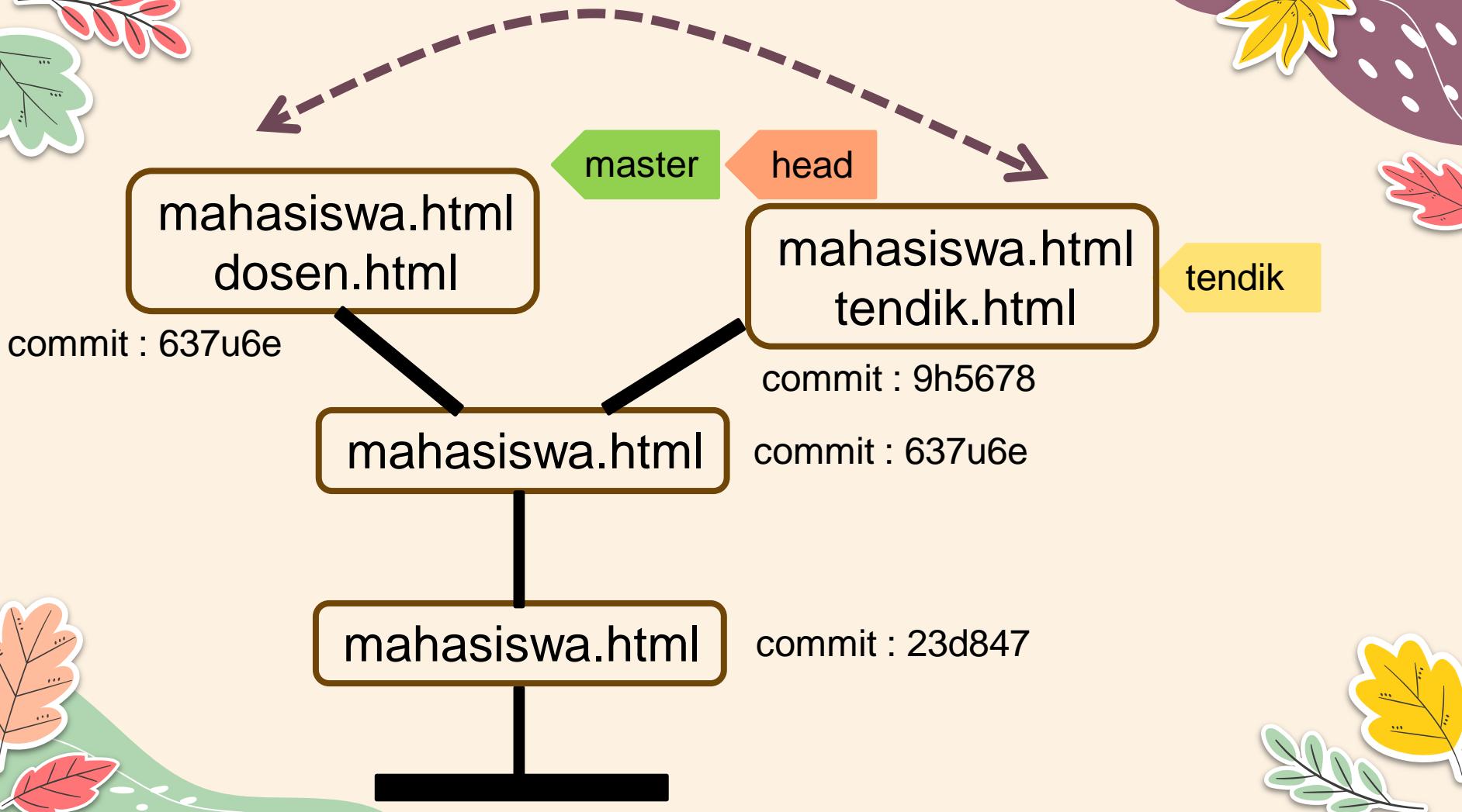
User@MSI MINGW64 /d/Git_Github/Repo1 (master)
$ git branch -d dosen
Deleted branch dosen (was 61904dc).

User@MSI MINGW64 /d/Git_Github/Repo1 (master)
$ |
```

# Menghapus branch

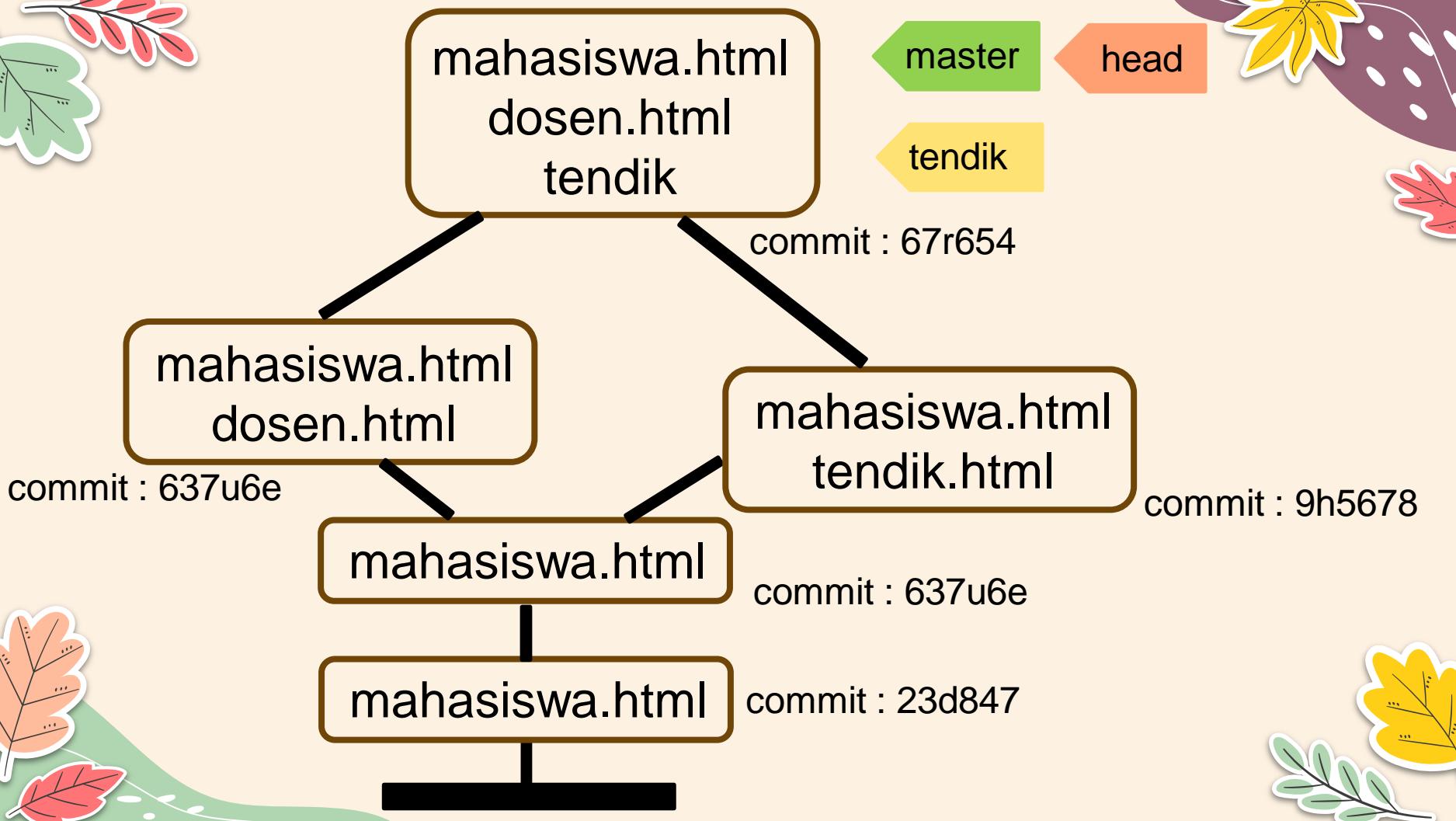
```
MINGW64:/d/Git_GitHub/Repo1
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch -d tendik
error: The branch 'tendik' is not fully merged.
If you are sure you want to delete it, run 'git branch -D tendik'.

User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```



# Implementasi Merge

- Three-way Merge/Merge commit





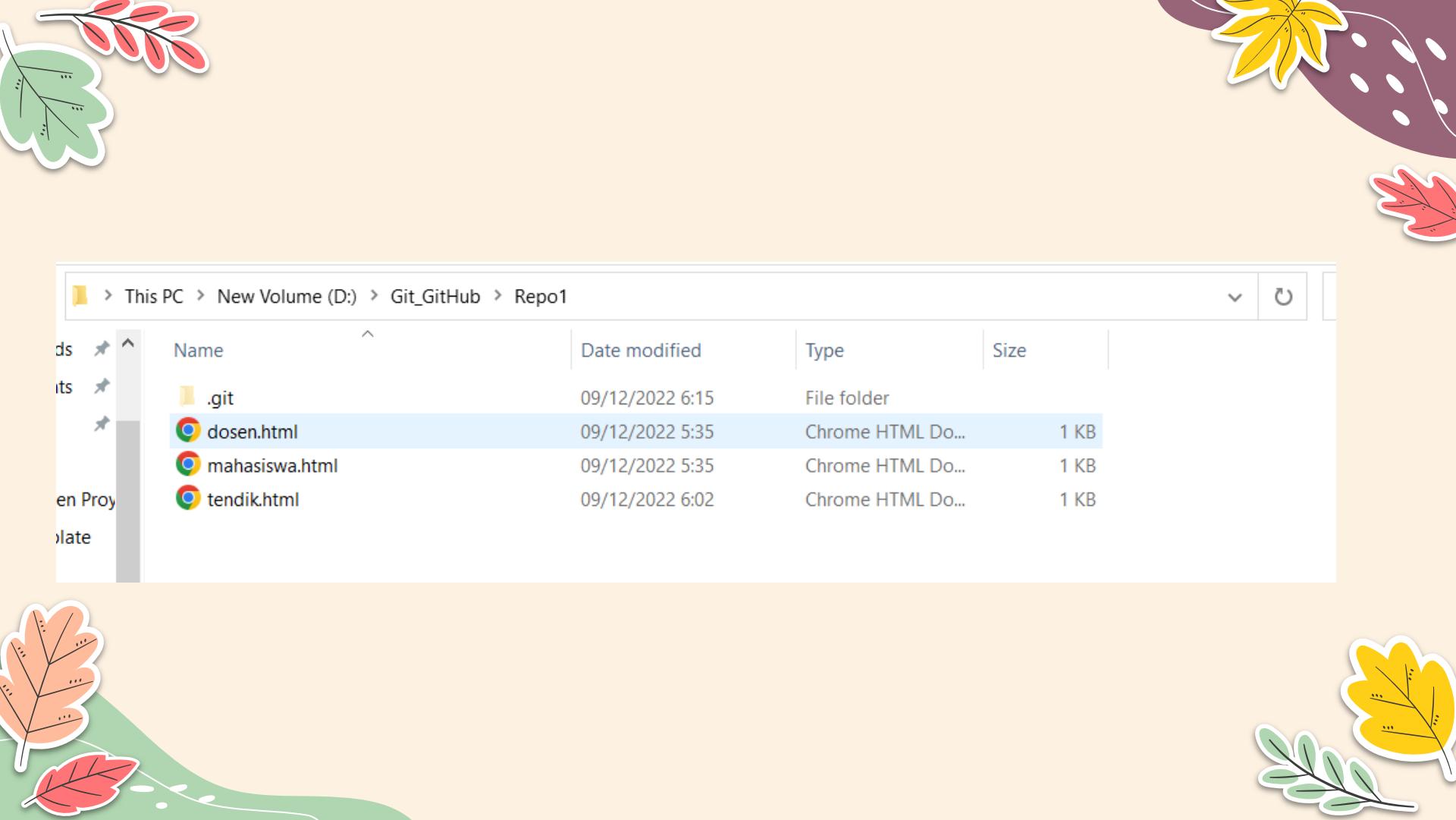
MINGW64:/d/Git\_GitHub/Repo1

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git log --all --decorate --oneline --graph
* 5931fb (tendik) menambahkan file tendik.html
| * 61904dc (HEAD -> master) menambahkan data dosen.html
| * 8d96b99 menambahkan file dosen.html
|
* bd59aa8 menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git branch
* master
  tendik
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ |
```



A screenshot of a Windows File Explorer window showing the contents of a repository folder. The path in the address bar is: This PC > New Volume (D:) > Git\_GitHub > Repo1.

	Name	Date modified	Type	Size
ds	.git	09/12/2022 6:15	File folder	
its	dosen.html	09/12/2022 5:35	Chrome HTML Do...	1 KB
en Proy	mahasiswa.html	09/12/2022 5:35	Chrome HTML Do...	1 KB
olate	tendik.html	09/12/2022 6:02	Chrome HTML Do...	1 KB

# Implementasi Merge

- Three-way Merge/Merge commit
  - Membuat commit baru maka harus memasukkan pesan commit nya
  - Jika mengetik \$ git merge tendik dan masuk ke editor maka akan munsul pesan commit nya
  - Jika masuk ke vim : tekan esc, tekan :wq!

 MINGW64:/d/Git\_GitHub/Repo1

User@MSI MINGW64 /d/Git\_GitHub/Repo1 (master)

\$ git merge tendik

Merge made by the 'ort' strategy.

tendik.html | 15 ++++++++  
1 file changed, 15 insertions(+)

create mode 100644 tendik.html

User@MSI MINGW64 /d/Git\_GitHub/Repo1 (master)

\$ |

MINGW64:/d/Git\_GitHub/Repo1

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git log --all --decorate --oneline --graph
*   dda0b00 (HEAD -> master) Merge branch 'tendik'
|\ \
| * 5931fb9 (tendik) menambahkan file tendik.html
* | 61904dc menambahkan data dosen.html
* | 8d96b99 menambahkan file dosen.html
|/
* bd59aa8 menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa
```

User@MSI MINGW64 /d/Git\_GitHub/Repo1 (master)

\$ |



D:\Git\_GitHub\Repo1\tendik.html (Repo1) - Sublime Text

File Edit Selection Find View Goto Tools Projects

## FOLDERS

▼ Repo1

    <> dosen.html

    <> mahasiswa.html

    <> tendik.html



mahasiswa.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <meta charset="UTF-8">
5  <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  <title> Mahasiswa </title>
7  </head>
8  <body>
9  <h1> Data Mahasiswa </h1>
```

```
* User@MSI MINGW64:/d/Git_GitHub/Repo1
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
$ git log --all --decorate --oneline --graph
*   dda0b00 (HEAD -> master) Merge branch 'tendik'
|\ 
| * 5931fdb (tendik) menambahkan file tendik.html
| * 61904dc menambahkan data dosen.html
| * 8d96b99 menambahkan file dosen.html
|/
* bd59aa8 menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
```

```
$ git branch --merged
* master
  tendik
```

```
User@MSI MINGW64 /d/Git_GitHub/Repo1 (master)
```

```
$ |
```

```
MINGW64:/d/Git_Github/Repo1
```

```
User@MSI MINGW64 /d/Git_Github/Repo1 (master)
$ git log --all --decorate --oneline --graph
*   dda0b00 (HEAD -> master) Merge branch 'tendik'
|\ \
| * 5931fdb (tendik) menambahkan file tendik.html
* | 61904dc menambahkan data dosen.html
* | 8d96b99 menambahkan file dosen.html
|/
* bd59aa8 menambahkan data 1 mahasiswa
* 20ca837 menambahkan file mahasiswa
* 8411ba5 menambahkan file mahasiswa
```

```
User@MSI MINGW64 /d/Git_Github/Repo1 (master)
```

```
$ git branch --merged
* master
  tendik
```

```
User@MSI MINGW64 /d/Git_Github/Repo1 (master)
```

```
$ git branch -d tendik
Deleted branch tendik (was 5931fdb).
```

```
User@MSI MINGW64 /d/Git_Github/Repo1 (master)
```

```
$ |
```

# Thanks!



Do you have any  
questions?



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