



# MULTIPLE REMOTE

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# Tujuan



Terhubung ke beberapa  
remote sekaligus

# Why?



Ingin sinkron ke beberapa  
remote sekaligus



# Skenario

- Melakukan fork ke dalam repo orang lain
- Clone, duplikatnya ke github kita
- Mengkopi ke lokal
- Sinkronisasi ke 3 nya



# Let's try

- Buka halaman github kita
- Buka repo github orang lain
  - bekerja bersama secara tim tapi berbeda repo
- Cloning, punya duplikat di akun kita dan komputer

# Let's try

github.com/sandhikagalih/simple-landing-page

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master 1 branch 0 tags

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About

Simple Landing Page

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Releases

No releases published


sandhikagalih mengubah tulisan brand menjadi sandhika ✓ bd7b908 on Jun 25, 2019 16 commits


css	testing change	3 years ago
img	initial commit	3 years ago
js	testing change	3 years ago
index.html	mengubah tulisan brand menjadi sandhika	3 years ago

# Let's try

 sandhikagalih / simple-landing-page

Public

 Watch 5

 Fork 1.2k


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## Create a new fork


A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project. [View existing forks.](#)

Owner \*

Repository name \*

 BrendaWinarko ▾

/

simple-landing-page 


By default, forks are named the same as their upstream repository. You can customize the name to distinguish it further.

Description (optional)

Simple Landing Page for Company

☒ Copy the `master` branch only


Contribute back to sandhikagalih/simple-landing-page by adding your own branch. [Learn more.](#)

 You are creating a fork in your personal account.

Create fork





# Let's try


 BrendaWinarko / simple-landing-page Public

forked from sandhikagalih/simple-landing-page

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 master ▾

 1 branch


 0 tags





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This branch is up to date with sandhikagalih/simple-landing-page:master. [Contribute ▾](#) [Sync fork ▾](#)


 sandhikagalih mengubah tulisan brand menjadi sandhika bd7b908 on Jun 25, 2019 🕒 16 commits

 css	testing change	3 years ago
 img	initial commit	3 years ago
 js	testing change	3 years ago
 index.html	mengubah tulisan brand menjadi sandhika	3 years ago

Help people interested in this repository understand your project by adding a README. [Add a README](#)





# Let's try


 **BrendaWinarko** / **simple-landing-page** Public

forked from [sandhikagalih/simple-landing-page](#)

[Code](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

 **master** ▾

 **1 branch**



 **0 tags**





[Go to file](#)

[Add file ▾](#)

[Code ▾](#)

This branch is up to date with [sandhikagalih/simple-landing-page:master](#). [Contribute ▾](#) [Sync fork ▾](#)

 **sandhikagalih** mengubah tulisan brand menjadi sandhika bd7b908 on Jun 25, 2019  **16** commits

 <b>css</b>	testing change	3 years ago
 <b>img</b>	initial commit	3 years ago
 <b>js</b>	testing change	3 years ago
 <b>index.html</b>	mengubah tulisan brand menjadi sandhika	3 years ago

Help people interested in this repository understand your project by adding a README. [Add a README](#)

# Let's try

BrendaWinarko / simple-landing-page Public

forked from sandhikagalih/simple-landing-page

[Code](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

master 1 branch 0 tags

This branch is up to date with sandhikagalih/simple-landing-page:master.

sandhikagalih mengubah tulisan brand menjadi sandhika

css	testing change
img	initial commit
js	testing change
index.html	mengubah tulisan brand menja

Help people interested in this repository understand your project by adding a README. [Add a README](#)

Local Codespaces New

Clone ?


HTTPS SSH GitHub CLI

<https://github.com/BrendaWinarko/simple-landi>

Use Git or checkout with SVN using the web URL.

Open with GitHub Desktop

Download ZIP



# Let's try

```
MINGW64:/d/Git_GitHub
User@MSI MINGW64 /d/Git_GitHub
$ git clone https://github.com/Brendawinarko/simple-landing-page.git
Cloning into 'simple-landing-page'...
remote: Enumerating objects: 89, done.
remote: Total 89 (delta 0), reused 0 (delta 0), pack-reused 89
Receiving objects: 100% (89/89), 1.98 MiB | 6.30 MiB/s, done.
Resolving deltas: 100% (34/34), done.
```

# Let's try

- Cek apakah repo yang di clone sudah ada
- Pindah ke folder simple-landing page



# Let's try

```
MINGW64/d/Git_GitHub/simple-landing-page
User@MSI MINGW64 /d/Git_GitHub
$ git clone https://github.com/BrendaWinarko/simple-landing-page.git
Cloning into 'simple-landing-page'...
remote: Enumerating objects: 89, done.
remote: Total 89 (delta 0), reused 0 (delta 0), pack-reused 89
Receiving objects: 100% (89/89), 1.98 MiB | 6.30 MiB/s, done.
Resolving deltas: 100% (34/34), done.

User@MSI MINGW64 /d/Git_GitHub
$ ls
MultipleRemote/  Repo1/  Repo2/  simple-landing-page/

User@MSI MINGW64 /d/Git_GitHub
$ cd simple-landing-page

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ |
```

# Let's try

- Cek menggunakan git remote apakah cloning yang dilakukan sudah ada atau belum
- Bila sudah ada “origin”, perlu dicek punya siapakah “origin” tsb

# Let's try

```
MINGW64:/d/Git_GitHub/simple-landing-page
User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ git remote
origin

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ git remote -v
origin https://github.com/Brendawinarko/simple-landing-page.git (fetch)
origin https://github.com/Brendawinarko/simple-landing-page.git (push)

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ |
```

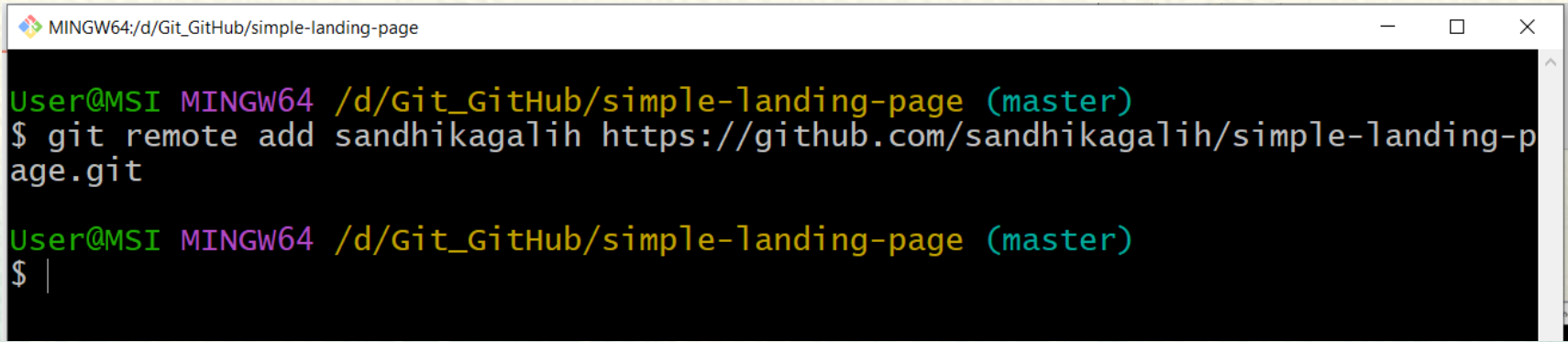
Connect-nya ke BrendaWinarko sehingga jika melakukan perubahan hanya di BrendaWinarko saja

# Let's try

- Conect-nya ke BrendaWinarko → jika melakukan perubahan maka yang berubah adalah di repo kita, repo asli (orang lain) tidak berubah
- Jika repo sandhikagalih melakukan perubahan, kita tidak bakalan tahu
- Jika ingin uptodate dengan repo yang kita fork, maka kita harus menambahkan remote baru yang ditujukan ke repo sandhikagalih

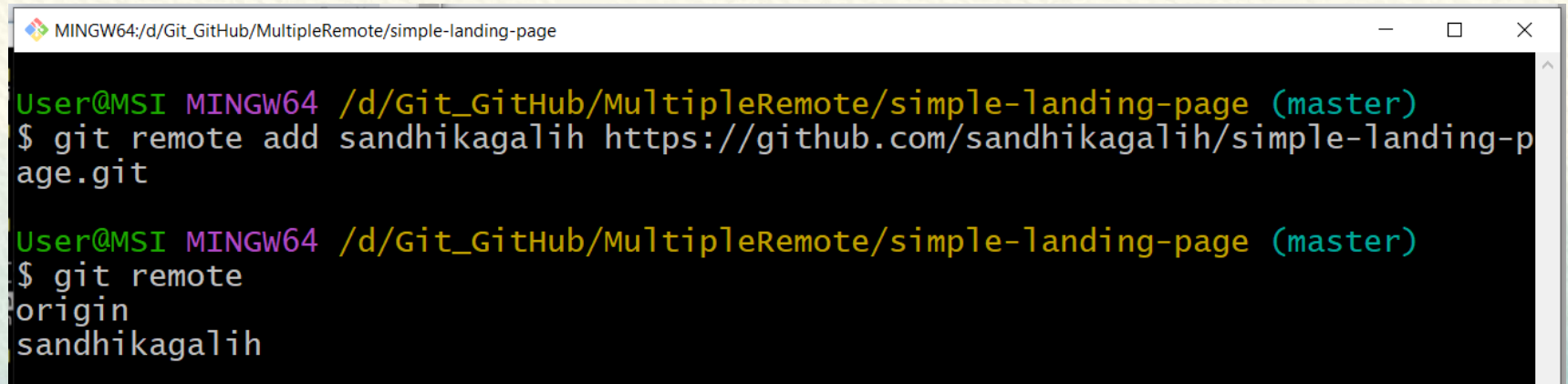


# Let's try

A screenshot of a Windows terminal window with a black background and white text. The window title bar at the top shows the path 'MINGW64:/d/Git\_GitHub/simple-landing-page' and standard window control buttons (minimize, maximize, close). The terminal content shows a user prompt 'User@MSI' followed by the directory and branch 'MINGW64 /d/Git\_GitHub/simple-landing-page (master)'. The user has entered the command '\$ git remote add sandhikagalih https://github.com/sandhikagalih/simple-landing-page.git'. The prompt '\$' is shown again on the next line with a vertical cursor bar.

```
MINGW64:/d/Git_GitHub/simple-landing-page
User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ git remote add sandhikagalih https://github.com/sandhikagalih/simple-landing-page.git
User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ |
```

# Let's try

A terminal window with a black background and white text. The title bar at the top reads 'MINGW64:/d/Git\_GitHub/MultipleRemote/simple-landing-page'. The terminal shows two commands being executed. The first command is 'git remote add sandhikagalih https://github.com/sandhikagalih/simple-landing-page.git', which adds a new remote named 'sandhikagalih'. The second command is 'git remote', which lists the configured remotes, showing 'origin' and 'sandhikagalih'.

```
MINGW64:/d/Git_GitHub/MultipleRemote/simple-landing-page
User@MSI MINGW64 /d/Git_GitHub/MultipleRemote/simple-landing-page (master)
$ git remote add sandhikagalih https://github.com/sandhikagalih/simple-landing-page.git

User@MSI MINGW64 /d/Git_GitHub/MultipleRemote/simple-landing-page (master)
$ git remote
origin
sandhikagalih
```

Ada 2 remote

# Let's try

```
MINGW64/d/Git_GitHub/simple-landing-page
User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ git remote add sandhikagalih https://github.com/sandhikagalih/simple-landing-page.git

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ git remote
origin
sandhikagalih

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ git remote -v
origin https://github.com/BrendaWinarko/simple-landing-page.git (fetch)
origin https://github.com/BrendaWinarko/simple-landing-page.git (push)
sandhikagalih https://github.com/sandhikagalih/simple-landing-page.git (fetch)
sandhikagalih https://github.com/sandhikagalih/simple-landing-page.git (push)

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ |
```

Let's try

```
MINGW64:/d/Git_GitHub/simple-landing-page

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

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ graph
* bd7b908 (HEAD -> master, origin/master, origin/HEAD) mengubah tulisan brand me
njadi sandhika
* db75944 mengubah warna tombol our work
* e3a583d mengubah desain tombol our works
* 5d89fa0 mengubah branding
* 4f1d42e mengubah tulisan testimonial
* c60c6b0 mengubah warna tombol menjadi merah
* b8fd5d8 mengubah warna tombol our work
* 8fd2c87 Merge pull request #2 from sandhikagalih/testing
\
* 4eee332 mengubah lagi warna tombol
* bbcd70a mengubah warna tombol
/
* e3cd87a testing change
* 1a79bdc Merge pull request #1 from webprogrammingunpas/features
\
* e355a65 mengubah tulisan pada testimonial
/
* 5c3d21f mengubah warna tombol
* 43c1d5f mengubah tulisan gallery
* 47e44c5 initial commit

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ |
```



# Let's try

- Ada 2 commit tapi pointer branch-nya hanya ada 2, punya kita di master dan di origin (punya BrendaWinarko)
- Melihat ke 3 commit saat ini. Yg sandhikagalih belum ada
- Untuk bisa melihat sandhikagalih → fetch history commit dalam local kita

# Let's try

```
MINGW64:/d/Git_GitHub/simple-landing-page
User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ git fetch sandhikagalih
From https://github.com/sandhikagalih/simple-landing-page
* [new branch]      master      -> sandhikagalih/master

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ |
```

# Let's try

```
MINGW64/d/Git_GitHub/simple-landing-page

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ graph
* bd7b908 (HEAD -> master, sandhikagalih/master, origin/master, origin/HEAD) men
gubah tulisan brand menjadi sandhika
* db75944 mengubah warna tombol our work
* e3a583d mengubah desain tombol our works
* 5d89fa0 mengubah branding
* 4f1d42e mengubah tulisan testimonial
* c60c6b0 mengubah warna tombol menjadi merah
* b8fd5d8 mengubah warna tombol our work
* 8fd2c87 Merge pull request #2 from sandhikagalih/testing
| \
| * 4eee332 mengubah lagi warna tombol
| * bbcd70a mengubah warna tombol
| /
* e3cd87a testing change
* 1a79bdc Merge pull request #1 from webprogrammingunpas/features
| \
| * e355a65 mengubah tulisan pada testimonial
| /
* 5c3d21f mengubah warna tombol
* 43c1d5f mengubah tulisan gallery
* 47e44c5 initial commit

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$
```

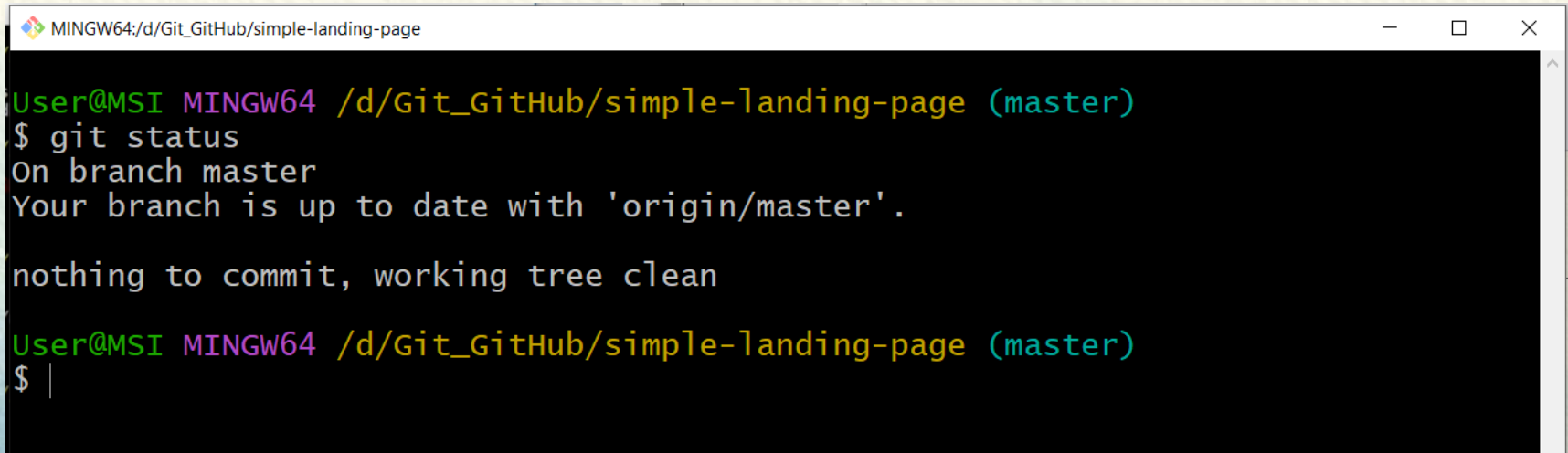
# Let's try

- Kita sudah terhubung dengan kedua remote dengan kondisi commit yang sama
- Jika akun sandhikagalih melakukan perubahan repo, sebagai akun yang melakukan fork pengen tahu apakah ada perubahan pada di repo aslinya



# Let's try

- Pada BrendaWinarko hanya up to date saja

A screenshot of a Windows terminal window titled 'MINGW64;d/Git\_GitHub/simple-landing-page'. The window has standard Windows window controls (minimize, maximize, close) in the top right corner. The terminal background is black with text in green, yellow, and white. The text shows a user running 'git status' and receiving the output: 'On branch master', 'Your branch is up to date with 'origin/master'.', and 'nothing to commit, working tree clean'. The prompt '\$' is visible at the end of the last line.

```
MINGW64;d/Git_GitHub/simple-landing-page
User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

User@MSI MINGW64 /d/Git_GitHub/simple-landing-page (master)
$ |
```

# Let's try

- Untuk tahu perubahan pada remote sandhikagalih maka perlu fetch ke repo tsb.

```
MINGW64://Mac/Home/Desktop/simple-landing-page
sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ git fetch sandhikagalih
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 3 (delta 1), pack-reused 0
Unpacking objects: 100% (3/3), done.
From https://github.com/sandhikagalih/simple-landing-page
 43c1d5f..5c3d21f  master    -> sandhikagalih/master

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ c|
```

# Let's try

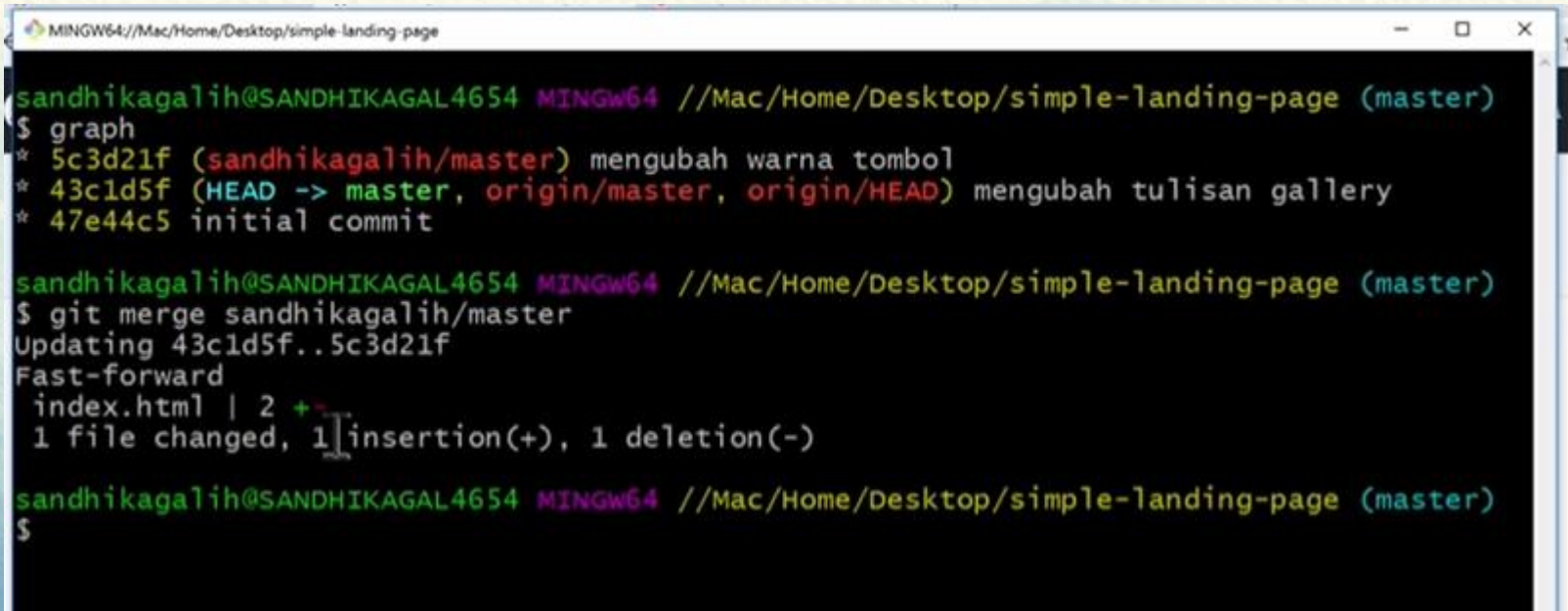
- Jika memang terdapat perubahan, maka akan mendahului 1 commit → tidak sama

```
MINGW64://Mac/Home/Desktop/simple-landing-page
sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ graph
* 5c3d21f (sandhikagalih/master) mengubah warna tombol
* 43c1d5f (HEAD -> master, origin/master, origin/HEAD) mengubah tulisan gallery
* 47e44c5 initial commit

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$
```

# Let's try

- Supaya sama → melakukan merging git local kita ke remote sandhikagalih

A screenshot of a terminal window with a black background and white text. The window title is 'MINGW64//Mac/Home/Desktop/simple-landing-page'. The prompt is 'sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)'. The user enters '\$ graph', showing three commits: '5c3d21f (sandhikagalih/master) mengubah warna tombol', '43c1d5f (HEAD -> master, origin/master, origin/HEAD) mengubah tulisan gallery', and '47e44c5 initial commit'. Then the user enters '\$ git merge sandhikagalih/master', showing 'Updating 43c1d5f..5c3d21f' and 'Fast-forward'. A diff for 'index.html' shows a change from '2' to '3' with an insertion marker. The summary is '1 file changed, 1 insertion(+), 1 deletion(-)'. The prompt returns to '\$ sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)'.

```
MINGW64//Mac/Home/Desktop/simple-landing-page
sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ graph
* 5c3d21f (sandhikagalih/master) mengubah warna tombol
* 43c1d5f (HEAD -> master, origin/master, origin/HEAD) mengubah tulisan gallery
* 47e44c5 initial commit

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ git merge sandhikagalih/master
Updating 43c1d5f..5c3d21f
Fast-forward
 index.html | 2 +
 1 file changed, 1 insertion(+), 1 deletion(-)

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$
```



# Let's try

```
MINGW64//Mac/Home/Desktop/simple-landing-page
sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ graph
* 5c3d21f (HEAD -> master, sandhikagalih/master) mengubah warna tombol
* 43c1d5f (origin/master, origin/HEAD) mengubah tulisan gallery
* 47e44c5 initial commit

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ |
```

- Lokal kita sudah sama dgn aslinya
- Problem : di akun github kita belum berubah → push

# Let's try

- Supaya sama, kita push saja ke repo punya kita

```
MINGW64//Mac/Home/Desktop/simple-landing-page

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ graph
* 5c3d21f (HEAD -> master, sandhikagalih/master) mengubah warna tombol
* 43c1d5f (origin/master, origin/HEAD) mengubah tulisan gallery
* 47e44c5 initial commit

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 372 bytes | 74.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/webprogrammingunpas/simple-landing-page.git
  43c1d5f..5c3d21f  master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$
```

# Let's try

```
MINGW64://Mac/Home/Desktop/simple-landing-page
sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$ graph
* 5c3d21f (HEAD -> master, sandhikagalih/master, origin/master, origin/HEAD) mengubah w
arna tombol
* 43c1d5f mengubah tulisan gallery
* 47e44c5 initial commit

sandhikagalih@SANDHIKAGAL4654 MINGW64 //Mac/Home/Desktop/simple-landing-page (master)
$
```



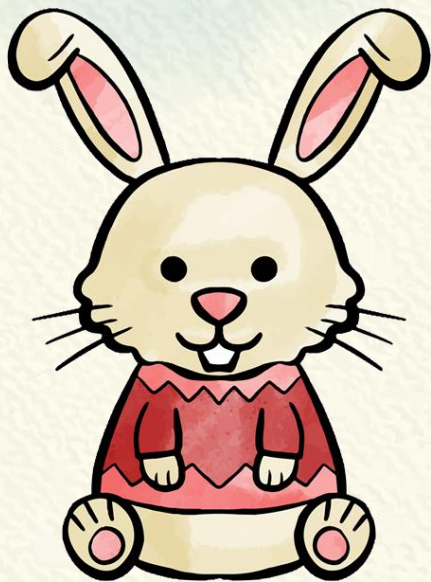
# Let's try

Ketiga repo sudah sama karena sudah disinkronkan



# Thanks

Do you have any  
questions?



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