

LAPORAN PRAKTIKUM
TEKNOLOGI CLOUD
PERTEMUAN KE – 4



Disusun Oleh :

NAMA : TARISA DWI SEPTIA
NIM : 205410126
JURUSAN : TEKNIK INFORMATIKA
JENJANG : S1

Sekolah Tinggi Management Informatika Komputer

AKAKOM

YOGYAKARTA

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MODUL 4

GITHUB PAGES

A. Tujuan

- Mahasiswa memahami penggunaan Github Pages
- Mahasiswa mampu memanfaatkan Github Pages untuk hosting

B. Dasar Teori

Github Pages merupakan hosting static file gratis yang disediakan oleh Github untuk para developer. Static file disini ialah seperti HTML, CSS, Javascript, Images, dll, yakni kode-kode client-side sebuah website yang tidak lagi memerlukan compile, transpile ataupun webserver untuk menjalankannya. Keuntungan Menggunakan GitHub Pages :

- Tidak perlu setup server
- Keterbatasan dan keamanan
- Cepat mendeploy

C. Praktik

1. Mendaftar akun di layanan github
2. Menginstal github bash di leptop
3. Menyiapkan web statis

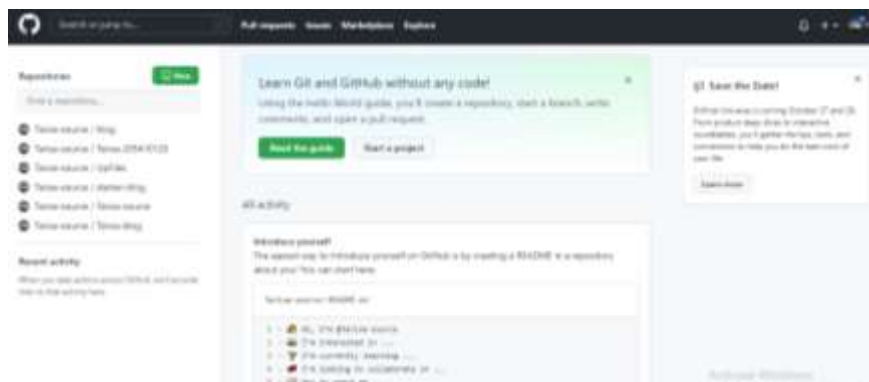
OTONews

Dodge Challenger SRT Demon



Dodge menepikan wajah barunya kembali dalam bidang otomotif. Dodge Challenger 2018 SRT adalah nama yang diwariskan pada Dodge baru ini dengan tetap mempertahankan gaya classic American Muscle. Challenger SRT Demon sejatinya menggunakan basis dari Challenger SRT Hellcat, hanya saja Demon berbobot lebih

4. Setelah itu buka <https://github.com/> untuk masuk lagi ke akun github yang sudah dibuat.




5. Setelah masuk buat repository dengan klik “new” seperti contoh dibawah ini

Repositories




6. Agar repository kita dapat berfungsi sebagai Github Pages yang dapat ditampilkan sebagai website, maka syarat dari Github adalah nama repository mesti berformat username.github.io. Contohnya, karena username saya adalah **Tarisa-source**, maka saya harus membuat repository dengan nama **Tarisa-source.github.io**. Centang pada “Initialize this repository with a README” Setelah itu klik tombol Create Repository seperti contoh dibawah ini


Owner * Repository name *

 Tarisa-source / Tarisa-source.github.io ✓

Great repository names are short and memorable. Need inspiration? How about [scaling-octo-rotary-phone?](#)

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:

Skip this step if you're importing an existing repository.

☒ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**
Choose which files not to track from a list of templates. [Learn more.](#)



☐ **Choose a license**
A license tells others what they can and can't do with your code. [Learn more.](#)

This will set  **main** as the default branch. Change the default name in your [settings](#).


Create repository

7. Setelah itu klik “Clone or Download” lalu klik icon di sebelah url repository


Go to file Add file ▼ Code ▼


 **Clone** 

HTTPS SSH GitHub CLI

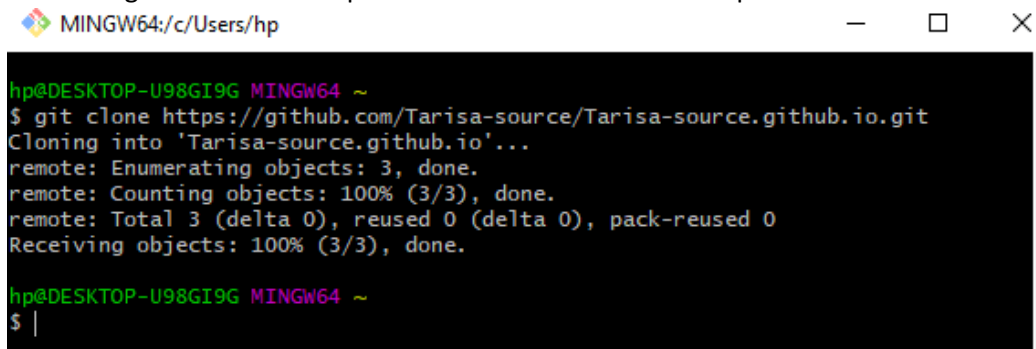


Use Git or checkout with SVN using the web URL.

 **Open with GitHub Desktop**

 **Download ZIP**

8. Buka aplikasi untuk git yang terinstall di komputer anda. Disini menggunakan git bash. Ketikkan “git clone alamat repositori” untuk mendownload repositori.



```
MINGW64/c/Users/hp

hp@DESKTOP-U98GI9G MINGW64 ~
$ git clone https://github.com/Tarisa-source/Tarisa-source.github.io.git
Cloning into 'Tarisa-source.github.io'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

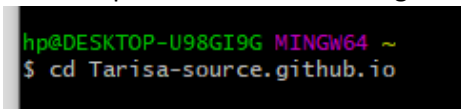
hp@DESKTOP-U98GI9G MINGW64 ~
$
```

9. Kemudian mengcopykan semua file web statis ke direktori Tarisa-source.github.io

Local Disk (C:) > Users > hp > Tarisa-source.github.io

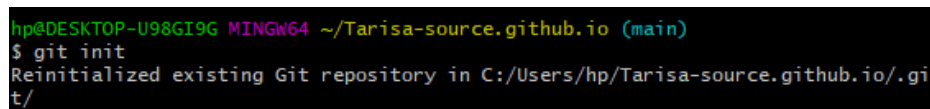
Name	Date modified	Type	Size
.git	10/6/2021 10:40 PAGI	File folder	
images	10/6/2021 10:40 PAGI	File folder	
style	10/6/2021 10:40 PAGI	File folder	
test	10/6/2021 10:40 PAGI	File folder	
index.html	9/27/2018 1:17 PAGI	Chrome HTML Do...	6 KB
modernizr-custom.js	9/27/2018 1:17 PAGI	JavaScript File	5 KB
README.md	10/6/2021 10:39 PAGI	Markdown Source...	1 KB

10. Kemudian kembali pada git bash yang digunakan untuk clone atau download repositori. Ketikkan perintah “cd username.github.io”




```
hp@DESKTOP-U98GI9G MINGW64 ~
$ cd Tarisa-source.github.io
```

11. Ketikkan perintah “git init” seperti contoh dibawah ini



```
hp@DESKTOP-U98GI9G MINGW64 ~/Tarisa-source.github.io (main)
$ git init
Reinitialized existing Git repository in C:/Users/hp/Tarisa-source.github.io/.git/
```

12. Setelah itu ketikkan perintah “git add * ”



```
hp@DESKTOP-U98GI9G MINGW64 ~/Tarisa-source.github.io (main)
$ git add *
starting fsmonitor-daemon in 'C:/Users/hp/Tarisa-source.github.io'
warning: LF will be replaced by CRLF in index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in modernizr-custom.js.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in style/main.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in style/temp.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in test/test1.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in test/test2.html.
The file will have its original line endings in your working directory
```

13. Kemudian ketikkan “git commit -m “github io”

```
hp@DESKTOP-U98GI9G MINGW64 ~/Tarisa-source.github.io (main)
$ git commit -m "github io"
[main c35715d] github io
50 files changed, 501 insertions(+)
create mode 100644 images/2018-Dodge-Challenger-SRT-Demon-V3-1080.jpg
create mode 100644 images/2018-Dodge-Challenger-SRT1000.jpg
create mode 100644 images/2018-Dodge-Challenger-SRT1600.jpg
create mode 100644 images/2018-Dodge-Challenger-SRT500.jpg
create mode 100644 images/2018-Dodge-Challenger-SRT800.jpg
create mode 100644 images/cockatoos-1600_large_2x.jpg
create mode 100644 images/cockatoos-800_large_1x.jpg
create mode 100644 images/cockatoos_medium.jpg
create mode 100644 images/cockatoos_small.jpg
create mode 100644 images/grasshopper-1600_large_2x.jpg
create mode 100644 images/grasshopper-800_large_1x.jpg
create mode 100644 images/grasshopper_medium.jpg
create mode 100644 images/grasshopper_small.jpg
create mode 100644 images/horses-1600_large_2x.jpg
create mode 100644 images/horses-800_large_1x.jpg
create mode 100644 images/horses_medium.jpg
create mode 100644 images/horses_small.jpg
create mode 100644 images/icon.png
create mode 100644 images/postcard-1600_large_2x.jpg
```

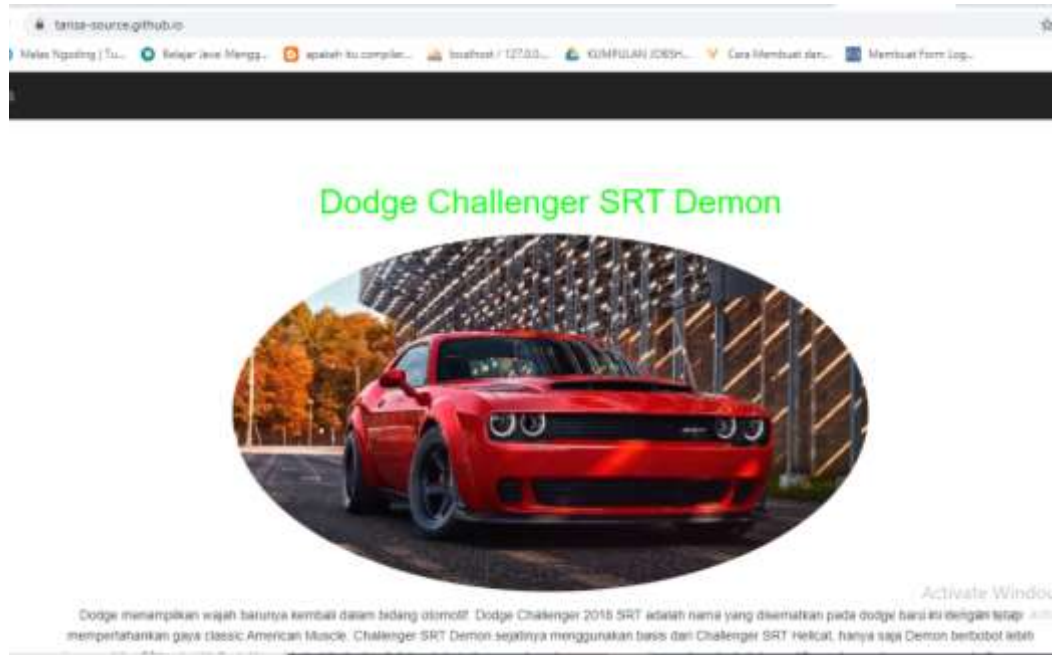
14. Kemudian ketik “git config -l”

```
hp@DESKTOP-U98GI9G MINGW64 ~/Tarisa-source.github.io (main)
$ git config -l
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/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
core.usebuiltinfsmonitor=true
pull.rebase=false
credential.helper=manager-core
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=Tarisa-source
user.email=tdwi884@gmail.com
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
remote.origin.url=https://github.com/Tarisa-source/Tarisa-source.github.io.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
branch.main.remote=origin
branch.main.merge=refs/heads/main
```

15. Setelah itu ketikkan “git push origin main”

```
hp@DESKTOP-U98GI9G MINGW64 ~/Tarisa-source.github.io (main)
$ git push origin main
Enumerating objects: 57, done.
Counting objects: 100% (57/57), done.
Delta compression using up to 2 threads
Compressing objects: 100% (56/56), done.
Writing objects: 100% (56/56), 4.47 MiB | 1.23 MiB/s, done.
Total 56 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/Tarisa-source/Tarisa-source.github.io.git
ef8a342..c35715d main -> main
```

16. Mencoba mengakses web statis



Github page sudah berhasil dibuat.

D. Kesimpulan

Setelah melakukan praktik di atas sesuai dengan tujuan yang ada pada modul 4 ini. Dapat disimpulkan bahwa mahasiswa mampu memahami penggunaan Github Page. Mahasiswa juga mampu memanfaatkan Github Pages untuk hosting.