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MATKUL : Pemrograman Berbasis Web

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===== INSTALLING APACHE =====

Disini saya menggunakan Web Server Apache versi 2.4.48 yang saya download di

<https://www.apachelounge.com/download/>

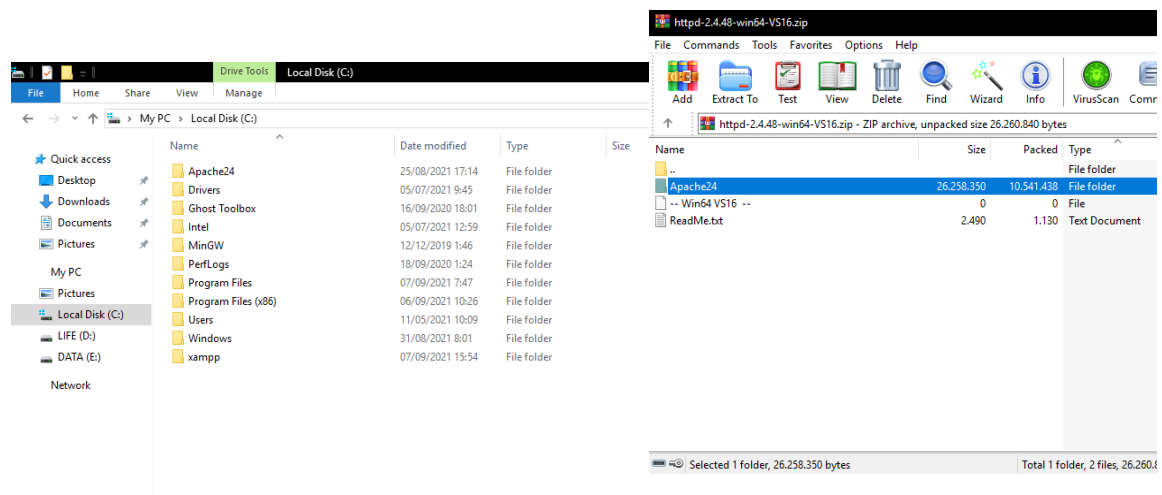
Saya menginstall Apache dengan panduan pada website

<https://cafeteria.id/2019/12/26/cara-install-web-server-apache-di-windows-10/>

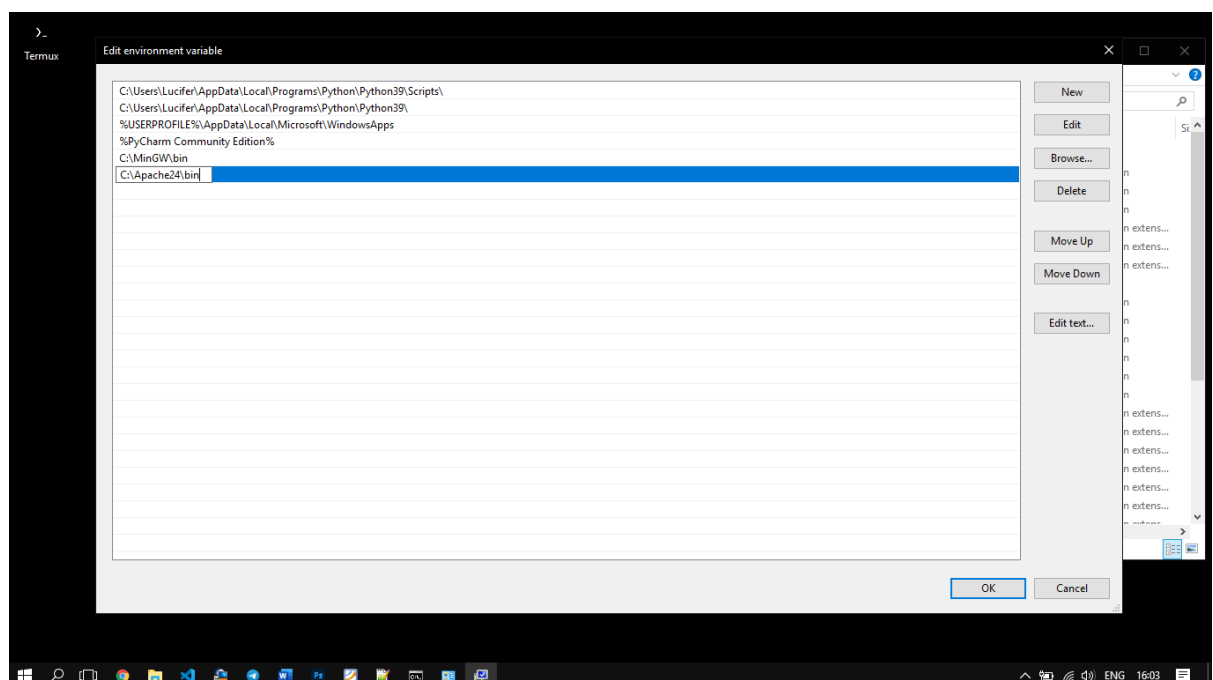
<https://httpd.apache.org/docs/2.4/platform/windows.html>

INSTALLASI

1. Ekstrak



2. Tambah ke path



3. Setting httpd.conf

C:\Apache24\conf\httpd.conf

```
#LoadModule rewrite_module modules/mod_rewrite.so
```

Hilangkan tanda # sehingga menjadi

```
LoadModule rewrite_module modules/mod_rewrite.so
```

Cari baris 227

```
#ServerName www.example.com:80
```

Ubah menjadi

```
ServerName localhost:80
```

Cari baris 272 yang ada .htaccess

```
AllowOverride None
```

Ganti menjadi

```
AllowOverride All
```

SAYA MENGUBAH DEFAULT DIRECTORY ROOT WEB PAGE

```
DocumentRoot "${SRVROOT}/htdocs"
```

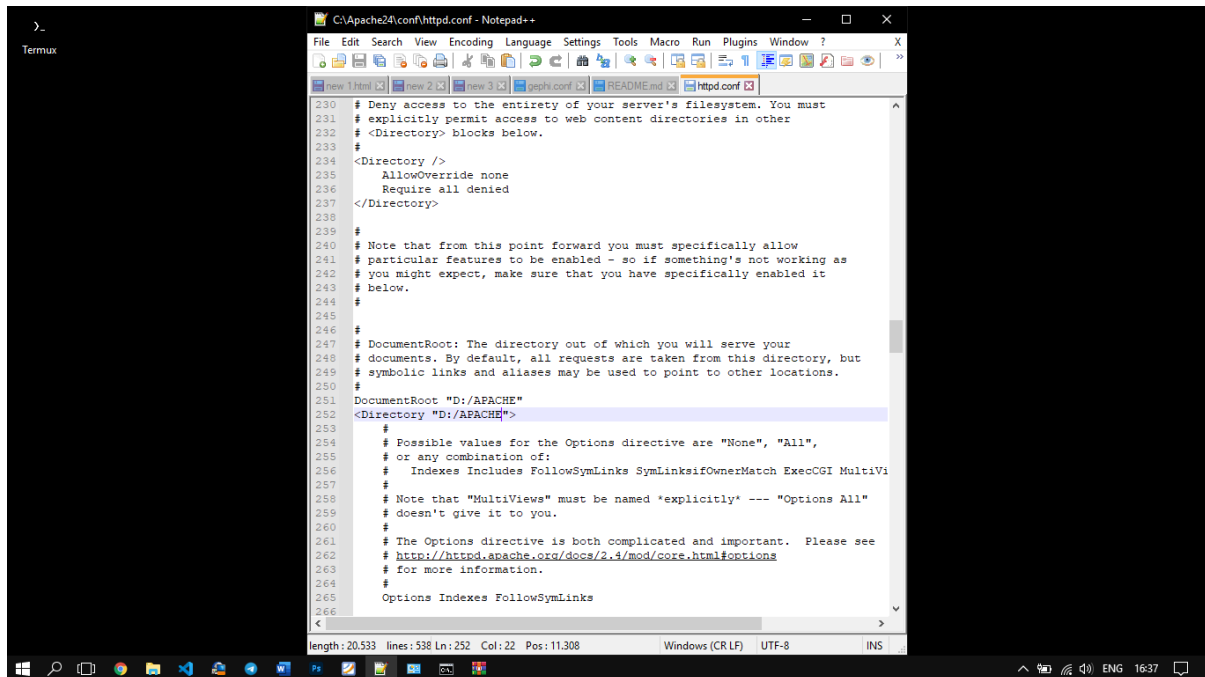
```
<Directory "${SRVROOT}/htdocs">
```

Saya ganti ke D:\APACHE

```
DocumentRoot "D:/APACHE"
```

```
<Directory "D:/APACHE">
```

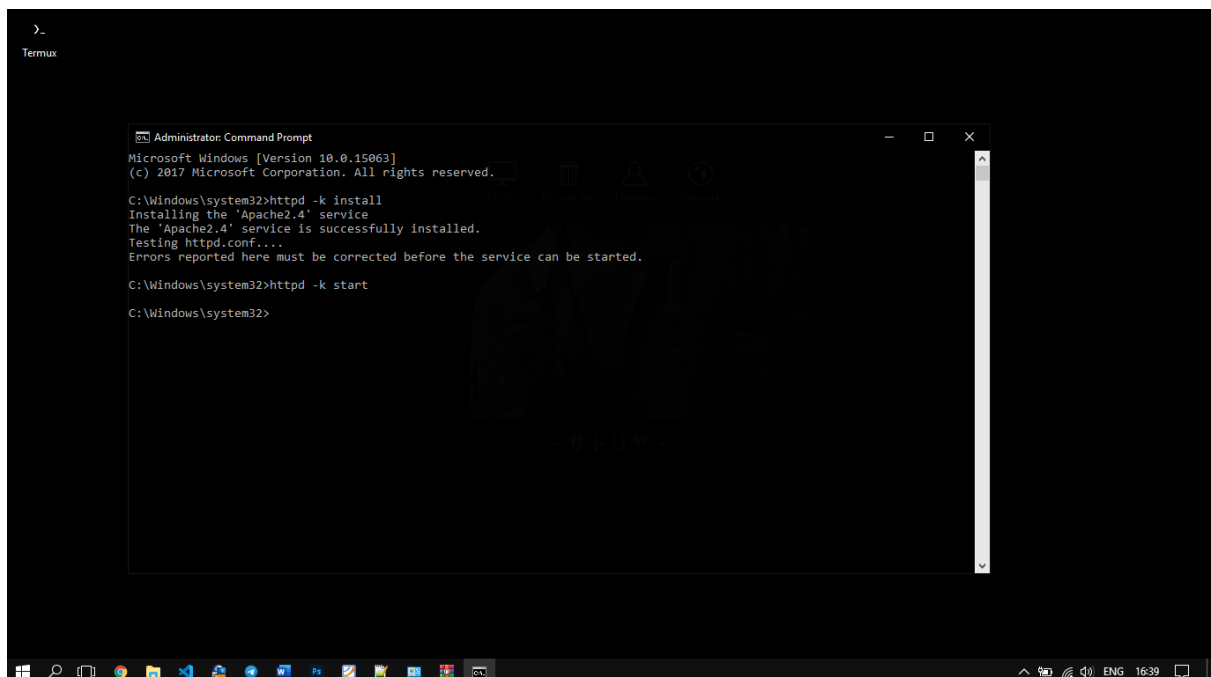
HASIL SETTING



The screenshot shows a Notepad++ window titled "C:\Apache24\conf\httpd.conf - Notepad++". The window displays the configuration file httpd.conf with various settings. The status bar at the bottom indicates the file length is 20,533, with 538 lines, 252 columns, and the cursor is at line 22, column 22. The encoding is UTF-8 and the line endings are Windows (CR LF).

```
230 # Deny access to the entirety of your server's filesystem. You must
231 # explicitly permit access to web content directories in other
232 # <Directory> blocks below.
233 #
234 <Directory />
235     AllowOverride none
236     Require all denied
237 </Directory>
238 #
239 #
240 # Note that from this point forward you must specifically allow
241 # particular features to be enabled - so if something's not working as
242 # you might expect, make sure that you have specifically enabled it
243 # below.
244 #
245 #
246 # DocumentRoot: The directory out of which you will serve your
247 # documents. By default, all requests are taken from this directory, but
248 # symbolic links and aliases may be used to point to other locations.
249 #
250 #
251 DocumentRoot "D:/APACHE"
252 <Directory "D:/APACHE">
253     #
254     # Possible values for the Options directive are "None", "All",
255     # or any combination of:
256     #   Indexes Includes FollowSymLinks SymLinksifOwnerMatch ExecCGI MultiViews
257     # Note that "MultiViews" must be named "explicitly" --- "Options All"
258     # doesn't give it to you.
259     #
260     # The Options directive is both complicated and important. Please see
261     # http://httpd.apache.org/docs/2.4/mod/core.html#options
262     # for more information.
263     #
264     Options Indexes FollowSymLinks
265 #
266 #
```

4. INSTALL HTTPD DAN START SERVICE



The screenshot shows a Windows Command Prompt window titled "Administrator: Command Prompt". The window displays the following commands and output:

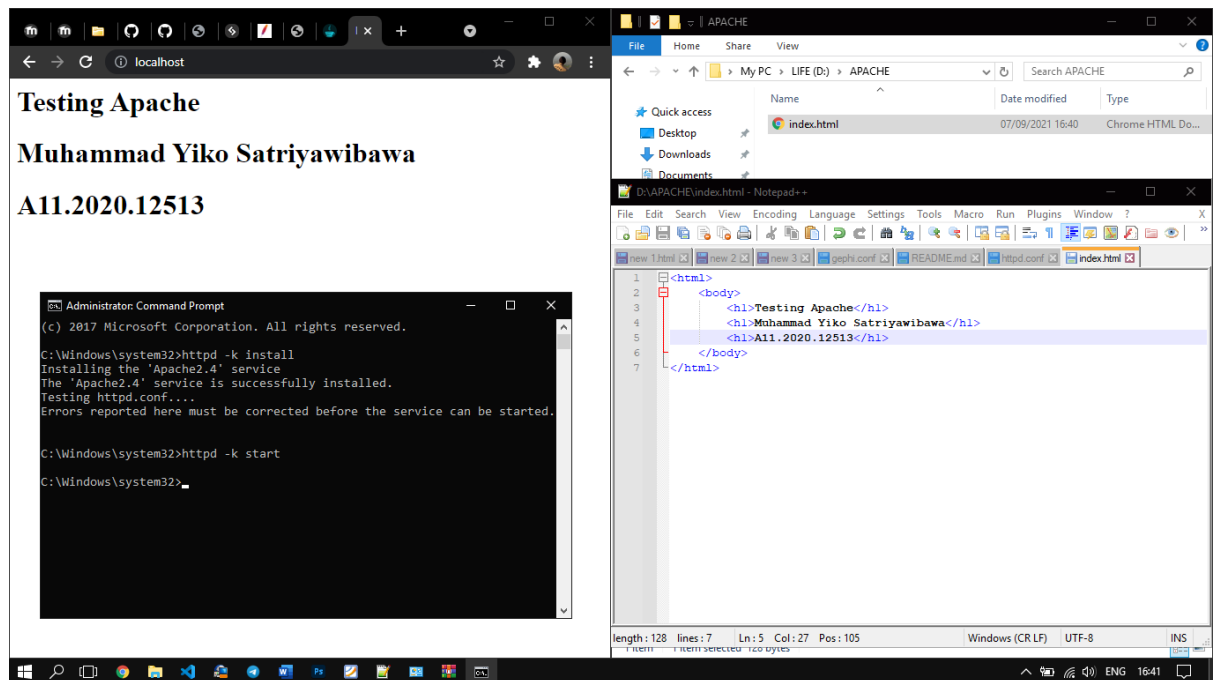
```
Microsoft Windows [Version 10.0.15063]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Windows\system32>httpd -k install
Installing the 'Apache2.4' service
The 'Apache2.4' service is successfully installed.
Testing httpd.conf....
Errors reported here must be corrected before the service can be started.

C:\Windows\system32>httpd -k start

C:\Windows\system32>
```

5. BUAT FILE HTML DI DIREKTORI DAN RUN LOCALHOST DI BROWSER



Saat membuka localhost pada browser maka akan langsung membuka file **index.html** pada direktori **D:/APACHE/index.html**

Dengan berhasilnya ini, menandakan Apache berhasil diinstall dan dijalankan (Web Server sudah aktif)

===== PUSH README.md =====

```
Termux

MINGW64/d/CODING/pem-web2021
fatal: Authentication failed for 'https://github.com/Hamma-nyk/pem-web2021.git/'

Hamma@DESKTOP-7UC33HH MINGW64 /d/CODING/pem-web2021 (pem-web2021)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/Hamma-nyk/pem-web2021.git'

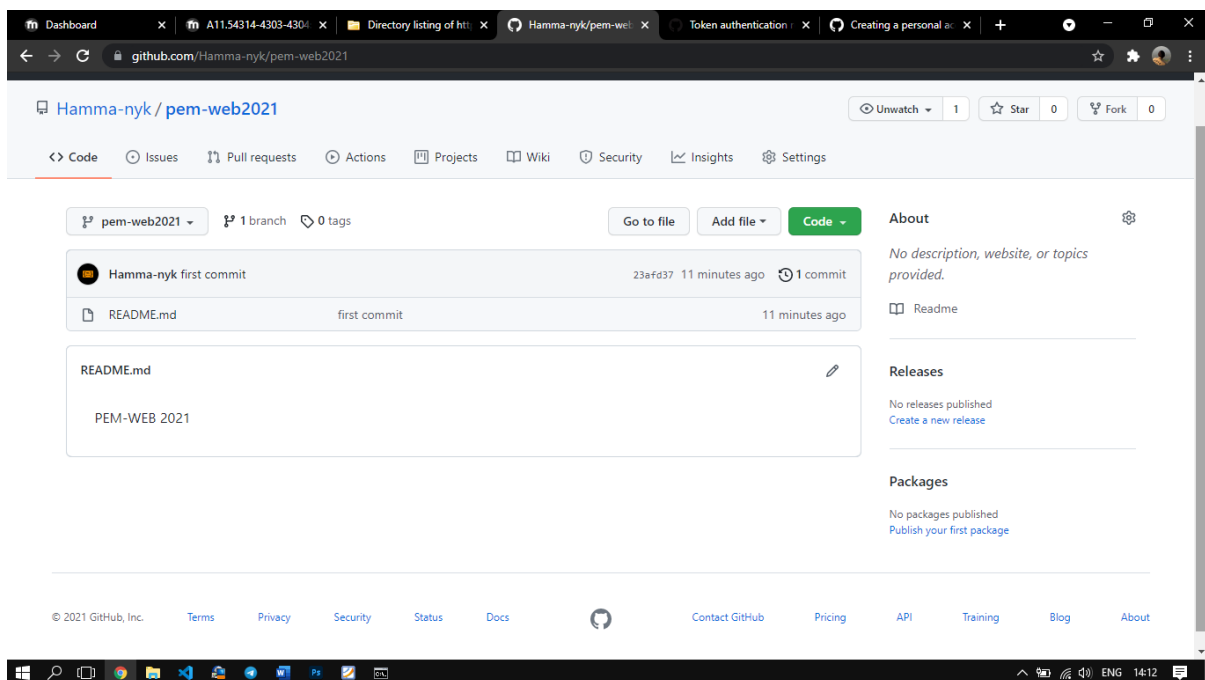
Hamma@DESKTOP-7UC33HH MINGW64 /d/CODING/pem-web2021 (pem-web2021)
$ git push -u origin pem-web2021

Unhandled Exception: System.IO.FileNotFoundException: Could not load file or assembly 'System.Net.Http, Version=4.2.0.0, Culture=neutral, PublicKeyToken=b76a2131f63e8048' or one of its dependencies. The system cannot find the file specified.
   at Microsoft.Git.CredentialManager.Program.Main(String[] args)

Unhandled Exception: System.IO.FileNotFoundException: Could not load file or assembly 'System.Net.Http, Version=4.2.0.0, Culture=neutral, PublicKeyToken=b76a2131f63e8048' or one of its dependencies. The system cannot find the file specified.
   at Microsoft.Git.CredentialManager.Program.Main(String[] args)

Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 223 bytes | 223.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Hamma-nyk/pem-web2021.git
 * [new branch]      pem-web2021 -> pem-web2021
Branch 'pem-web2021' set up to track remote branch 'pem-web2021' from 'origin'.

Hamma@DESKTOP-7UC33HH MINGW64 /d/CODING/pem-web2021 (pem-web2021)
$
```



===== PUSH TUGAS MINGGU 1 =====

```
>_
Termux

MINGW64/e/KULIAH/PBW
Hamma@DESKTOP-7UCJ3HH MINGW64 /e/KULIAH/PBW (pem-web2021)
$ git init
Reinitialized existing Git repository in E:/KULIAH/PBW/.git/
Hamma@DESKTOP-7UCJ3HH MINGW64 /e/KULIAH/PBW (pem-web2021)
$ git add MINGGU-1/*
Hamma@DESKTOP-7UCJ3HH MINGW64 /e/KULIAH/PBW (pem-web2021)
$ git commit -m "Repo Minggu 1"
[pem-web2021 ffa503d] Repo Minggu 1
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 MINGGU-1/TUGAS MINGGU 1.pdf
Hamma@DESKTOP-7UCJ3HH MINGW64 /e/KULIAH/PBW (pem-web2021)
$ git push origin pem-web2021

Unhandled Exception: System.IO.FileNotFoundException: Could not load file or assembly 'System.Net.Http, Version=4.2.0.0, Culture=neutral, PublicKeyToken=b76a212f1e770060' or one of its dependencies. The system cannot find the file specified.
at Microsoft.Git.CredentialManager.Program.Main(String[] args)

Unhandled Exception: System.IO.FileNotFoundException: Could not load file or assembly 'System.Net.Http, Version=4.2.0.0, Culture=neutral, PublicKeyToken=b76a212f1e770060' or one of its dependencies. The system cannot find the file specified.
at Microsoft.Git.CredentialManager.Program.Main(String[] args)
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 445.54 KiB | 15.91 MiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Hamma-nyk/pem-web2021.git
9fc9761..ffa503d pem-web2021 -> pem-web2021
Hamma@DESKTOP-7UCJ3HH MINGW64 /e/KULIAH/PBW (pem-web2021)
$
```

