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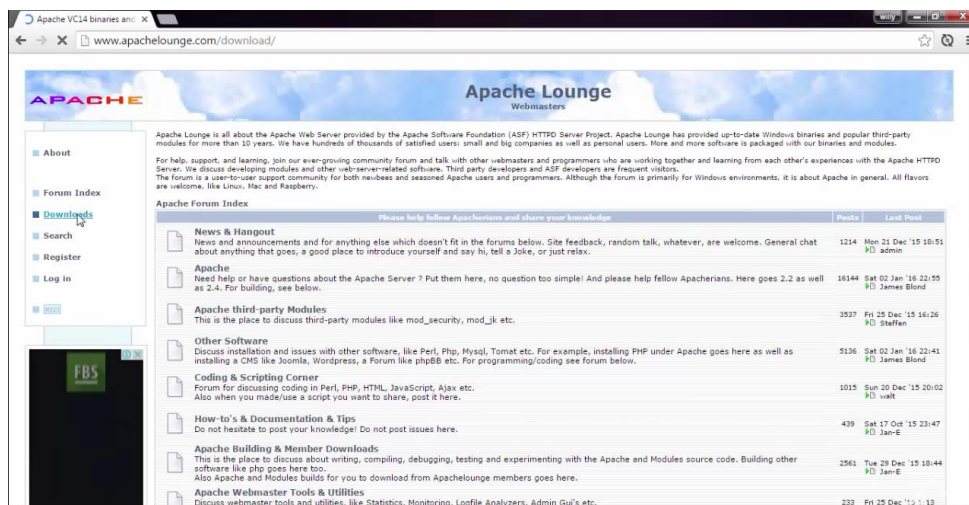
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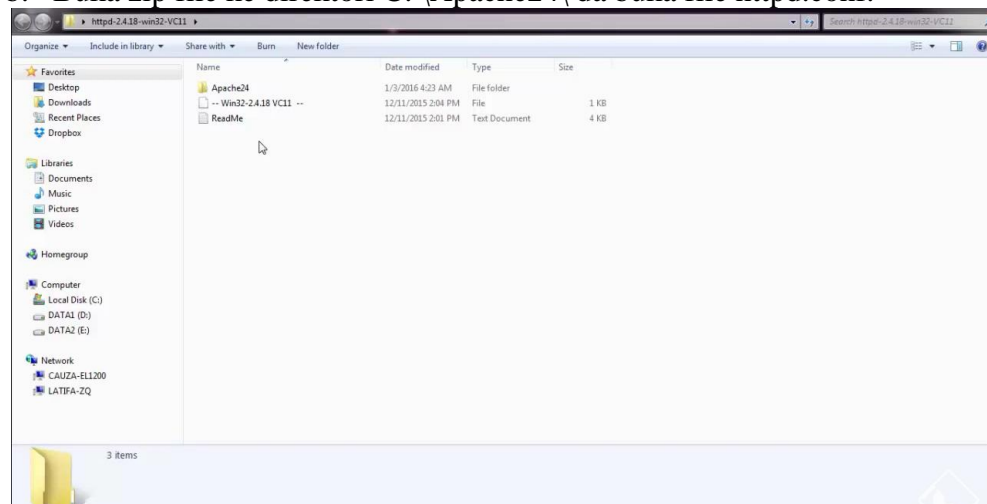
Matkul : Pemrograman Web

1. Instalasi Web Server (Apache) pada Windows

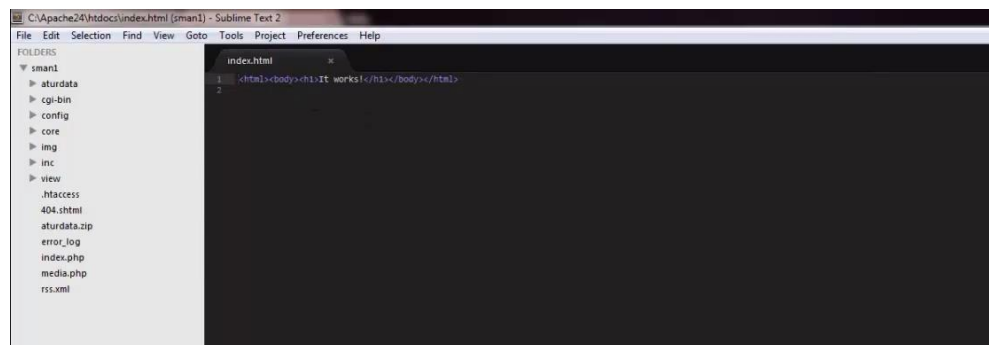
- a. Langkah pertama menginstal APACHE, dengan mengunduh di situs web <http://www.apachelounge.com/download/>



- b. Buka zip file ke direktori C: \Apache24\ da buka file httpd.conf.

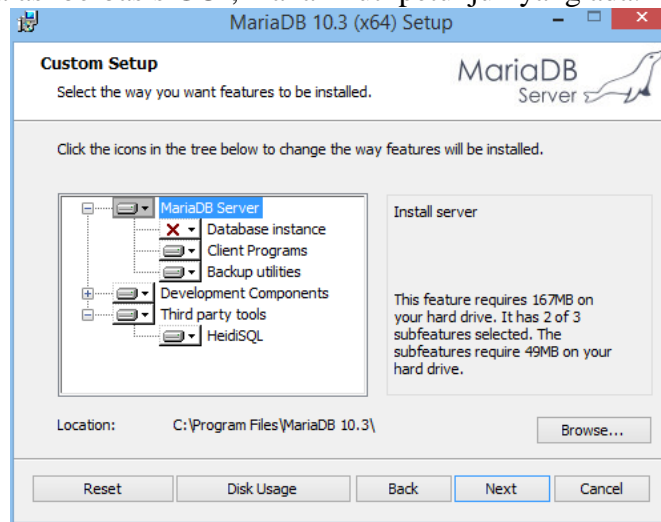


- c. Ubah #ServerName www.example.com:80 menjadi ServerName localhost
- d. Buka command prompt dan buka c:\Apache24\bin directory and type

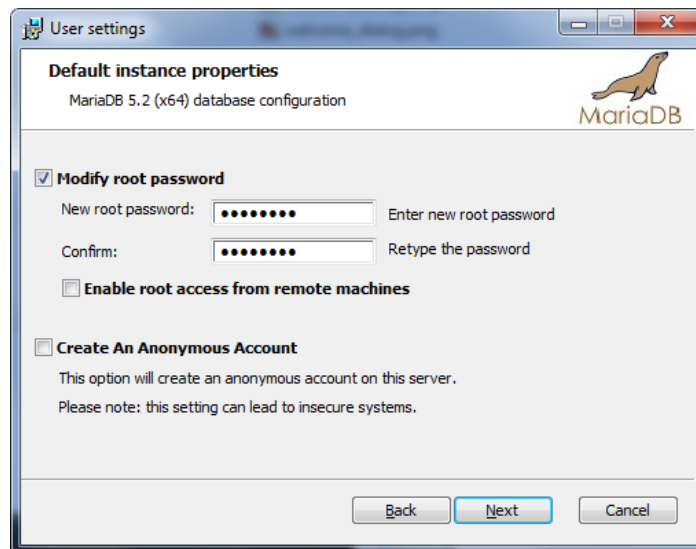


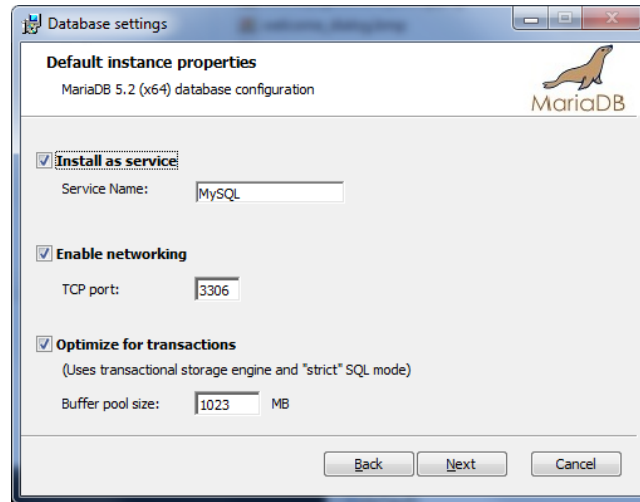
2. Instalasi MariaDB/MySql Pada Windows

- a. Download MySql 8.0.13 di website <http://dev.mysql.com/downloads/mysql>
- b. Karena instalasi berbasis GUI, maka ikuti petunjuk yang ada.

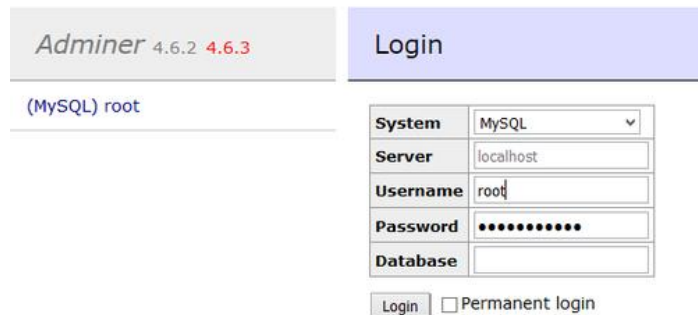
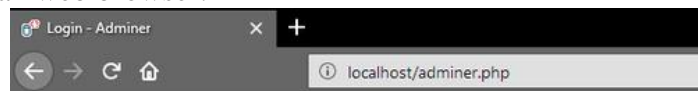


- c. Tentukan pasword root, lalu pada langkah Database settings abaikan saja seperti itu.

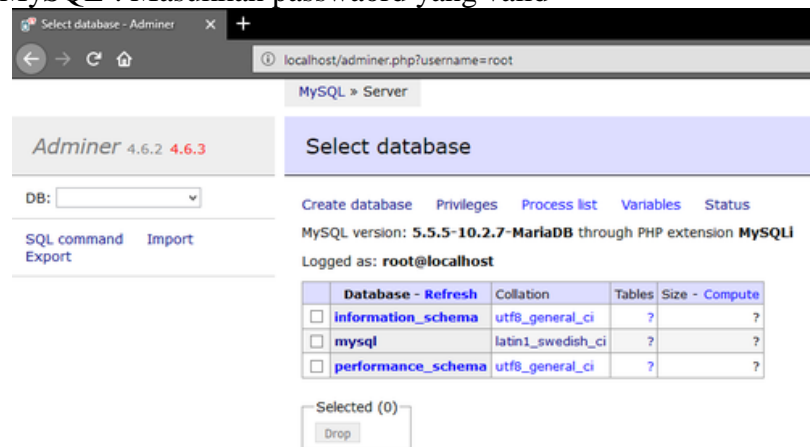




- d. Catatlah name dan TCP Port
- e. Basis data akan tersimpan pada folder “data” di direktori (C: \Program Files\MariaDB 10.3\data\.
- f. Tempatkan di direktori htdocs. Tuju <http://localhost/admimer.php> meggunakan web browser.



- g. Pilih ‘MySQL’. Masukkan passwaord yang valid




- h. MySQL dapat digunakan

3. Instalasi PHP pada Windows

- Menginstal PHP pada situs resmi <http://php.net/download> unduh thread safe zip file dan unzip the under.
- Ganti nama php-ini-development.ini ke php.ini di C:\php dan add system variable of php from this pc => properties => advance system setting => path and add new path for an unzipped directory which is C:\php.
- Buka C:\Apache24\conf\httpd.conf dan add some lines into it at the end.

```
PHPIniDir /PHP
AddHandler application/x-httpd-
php .php
LoadModule php7_module
/PHP/php7apache2_4.dllDirectoryIndex
index.php
PHPIniDir /PHP
AddHandler application/x-httpd-
php .php
```

- Buka file baru phpinfo.php di bawah C:\Apache24\htdocs dan restart layanan apache, kemudian arahkan ke <http://localhost/phpinfo.php>

PHP Version 7.3.0RC4	
	
System	Windows NT LPTOP-MG5JIOEP 10.0 build 16299 (Windows 10) AMD64
Build Date	Oct 24 2018 20:18:12
Compiler	MSVC15 (Visual C++ 2017)
Architecture	x64
Configure Command	ccscript /nologo configure.js "--enable-snapshot-build" "--enable-debug-pack" "--with-pdo-oci=c:\php-snap-build\deps_aux\oracle\w64\instantclient_12_1\sdk,shared" "--with-oci8-12c=c:\php-snap-build\deps_aux\oracle\w64\instantclient_12_1\sdk,shared" "--enable-object-out-dir=.obj\" "--enable-com-dotnet=shared" "--without-analyzer" "--with-pgo"
Server API	Apache 2.0 Handler
Virtual Directory Support	enabled
Configuration File (php.ini) Path	C:\windows
Loaded Configuration File	C:\php\php.ini
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)
PHP API	20180731
PHP Extension	20180731
Zend Extension	320180731
Zend Extension Build	API320180731,TS,VC15
PHP Extension Build	API20180731,TS,VC15
Debug Build	no
Thread Safety	enabled
Thread API	Windows Threads
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	disabled
IPv6 Support	enabled
DTrace Support	disabled
Registered PHP Streams	php, file, glob, data, http, ftp, zip, compress, zlib, phar
Registered Stream Socket Transports	tcp, udp
Registered Stream Filters	convert.iconv.*, string.rot13, string.toupper, string.tolower, string.strip_tags, convert.*, consumed, dechunk, zlib.*

- Selanjutnya mengunduh phpmyadmin, dapat mengunduh dari situs <http://www.phpmyadmin.net/downloads/> dan unzipp file di C:\Apache24\htdocs\phpmyadmin
- Setelah di ekstraksi, harus di ganti nama phpMyAdmin-4.8.3-all-languages menjadi phpmyadmin as well.
- Arahkan ke <http://localhost/phpmyadmin/>