

LAPORAN MEMBUAT WEB SERVER DI UBUNTU SERVER

Dosen Pembimbing :

ADI HERMANSYAH, S.KOM., MT



DISUSUN OLEH:

NAMA : MUHAMMAD ROMADON

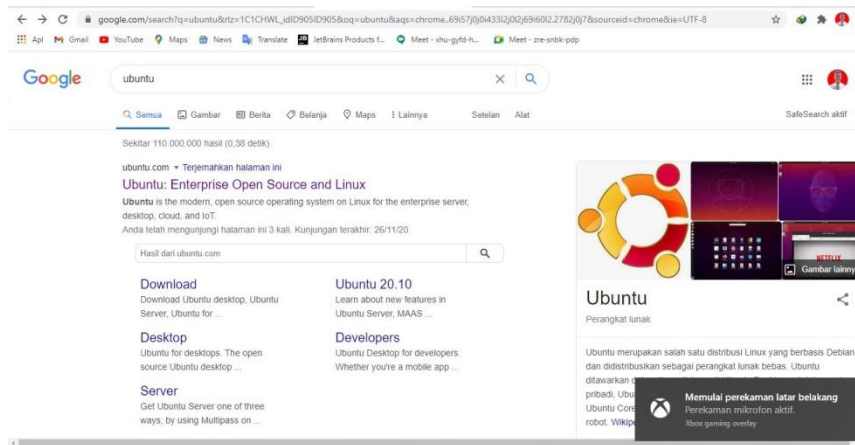
NIM : 09011182025015

KELAS: SK1B INDRALAYA

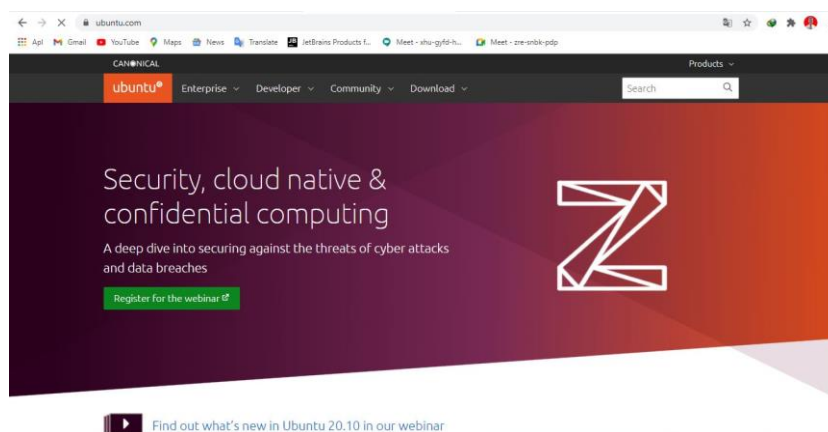
**JURUSAN SISTEM KOMPUTER
FAKULTAS ILMU KOMPUTER
UNIVERSITAS SRIWIJAYA**

Ubuntu Server With Wordpress Or HTML By Putty(SSH)

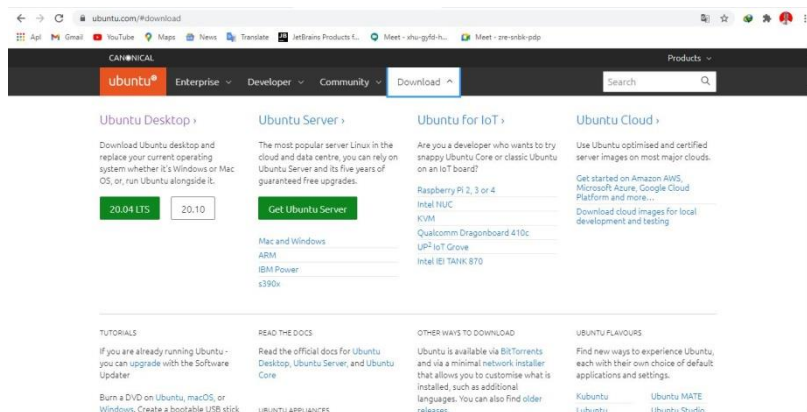
1. Pertama kita harus menginstall terlebih dahulu ubuntu server diwebnya dengan ketik “ubuntu” di google



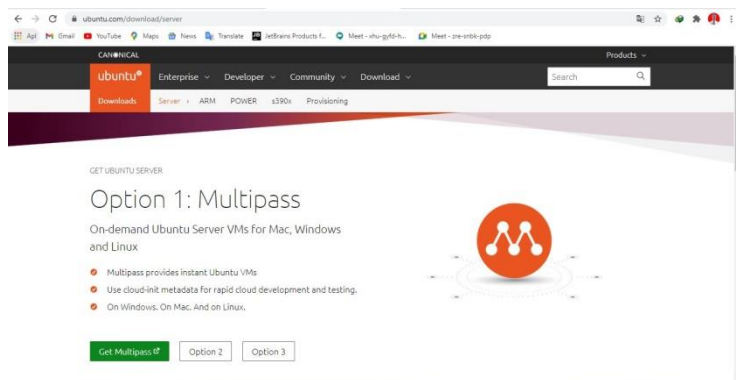
2. kemudian tekan web nya maka akan tampil seperti dibawah



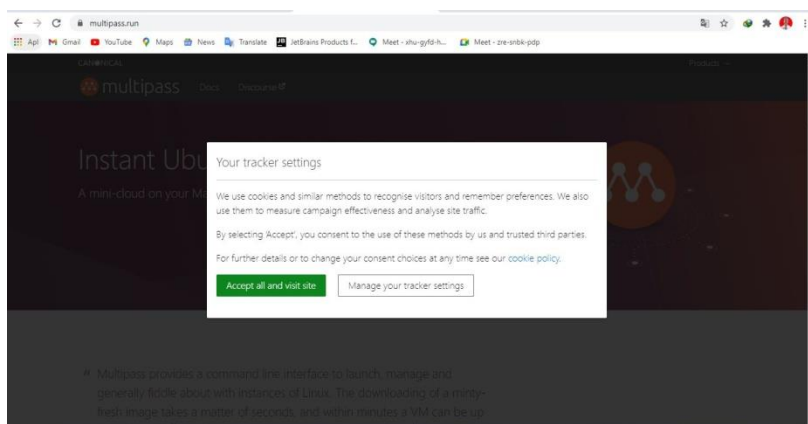
3. lalu tekan “get ubuntu server”



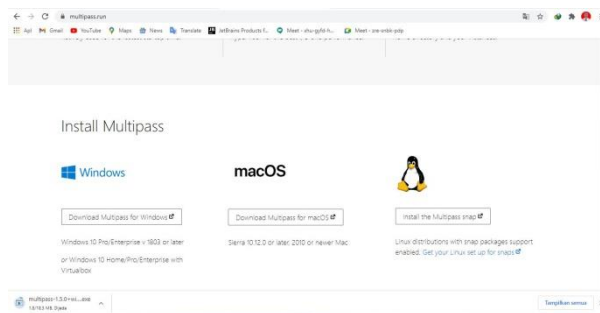
4. dan pilih “get multipass”



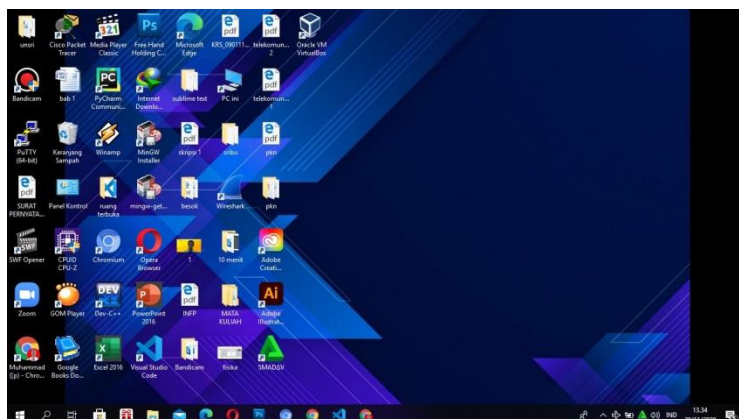
5. apabila ada pesan seperti dibawah ini pilih “accept all and visit site”



6.lalu sroll ke bawah hingga muncul tempat menginstall lalu pilih windows



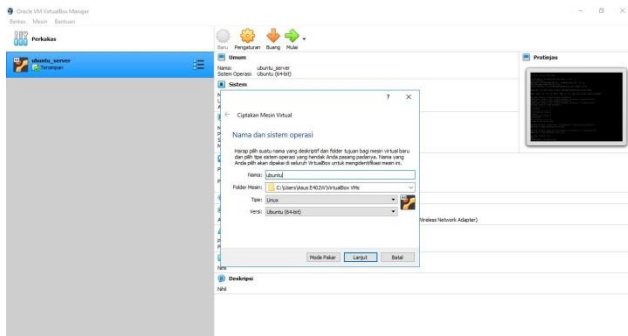
7. pilih “orance virtual box”



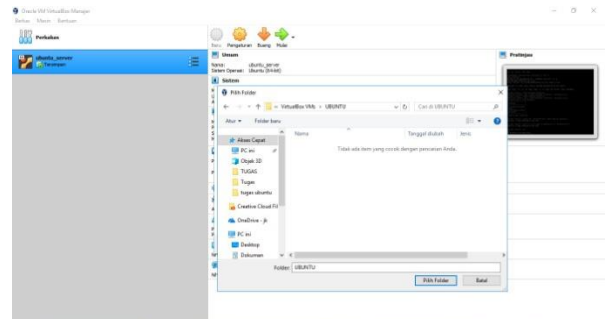
8. maka akan muncul tampilan seperti ini dan pilih “baru” kemudian isi namanya

Ubah tempat penyimpanannya

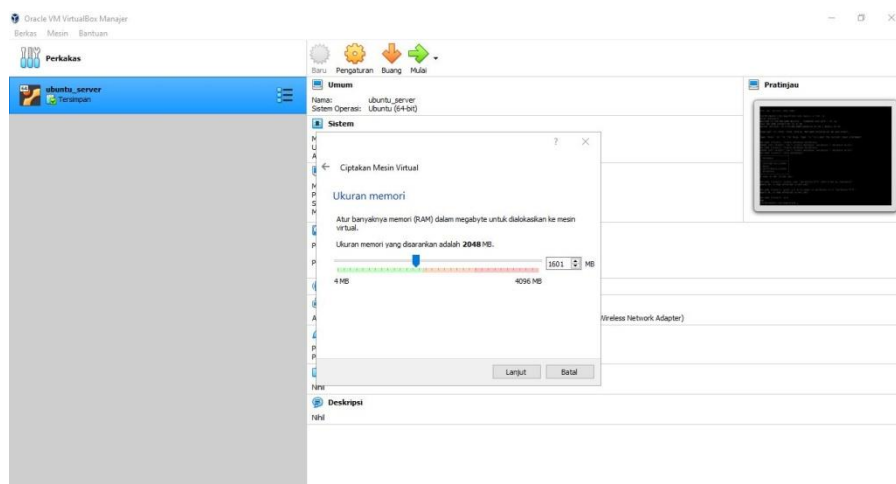
a.



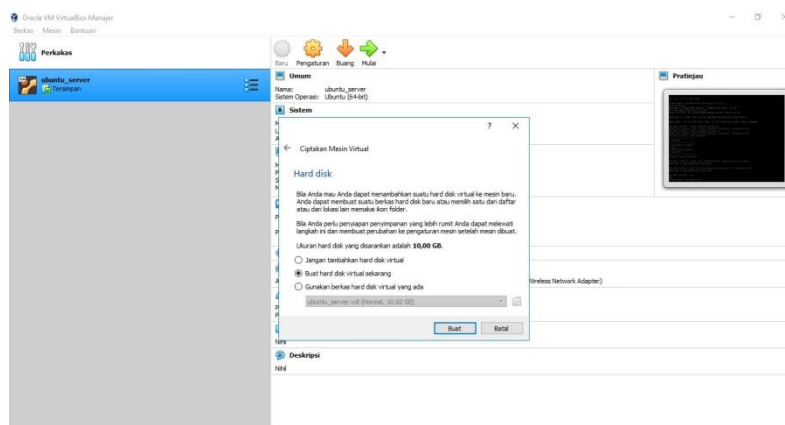
b.



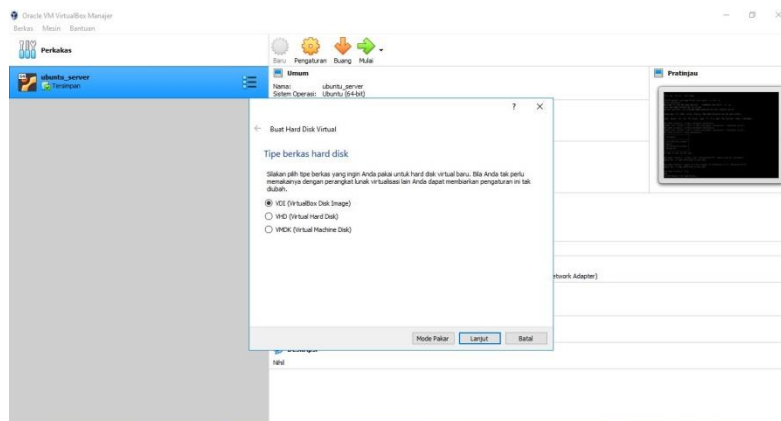
9. tentukan ukurannya



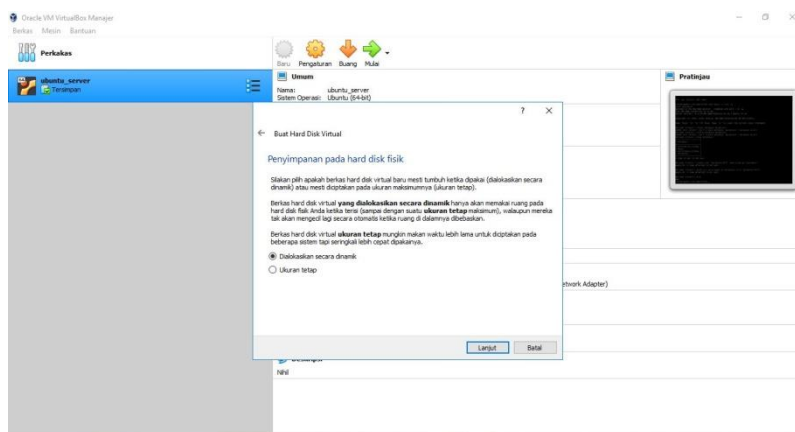
10. pilih buat harsk virtual sekarang dan tekan buat



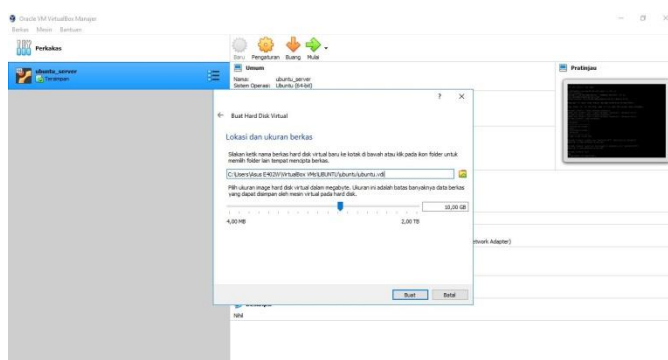
11. pilih VDI (virtual disk image) lalu tekan buat



12. pilih Dialokasikan Secara Dinamik dan tekan lanjut

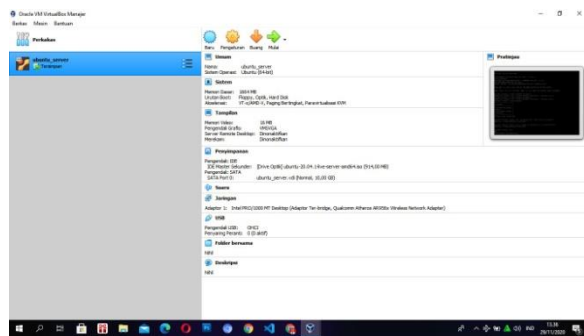


13. lalu biarkan seperti ini dan tekan buat

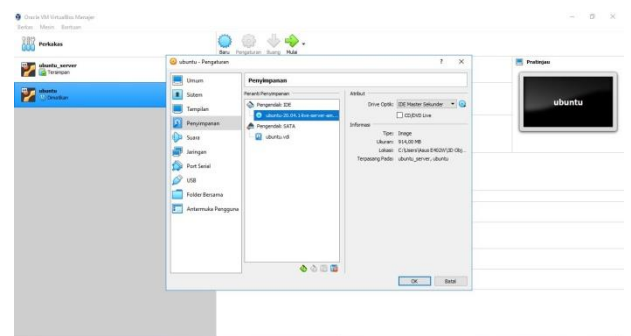


14. maka tampilannya akan seperti ini dan atur setting pilih pilih sebuah berkas lalu masukkan berkas linux nya

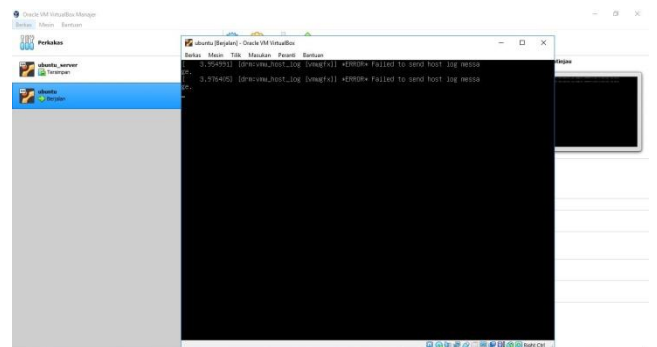
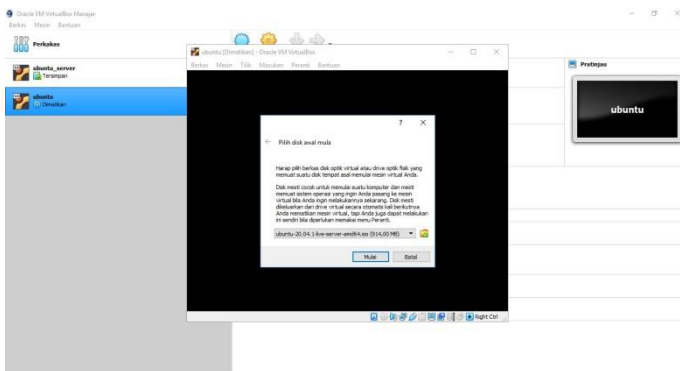
a.



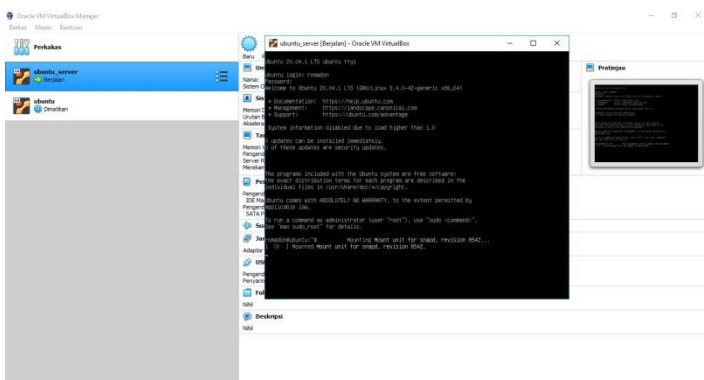
b.



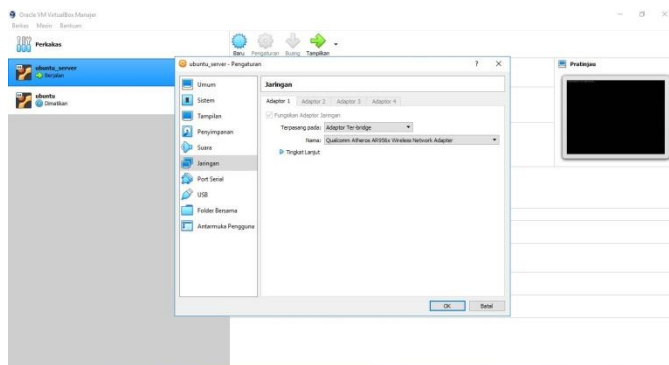
15.tekan buat jalankan seperti gambar dibawah



16. lalu sebelumnya ada setiing yang diperlukan dan bilah selesai tampilan seperti ini



17. ubah dulu pengaturan jaringan di virtual box menjadi Adaptor Ter-Bridge



18. kembali lagi ke ubuntu lalu tekan perintah dengan menyalahkan data

a.sudo su

b.sudo apt-get update

c.sudo apt install openssh-server

c. sudo apt-get install inet-tools

d. sudo apt-get install net-tools

d. ifconfig

sampai ketemu ip nya

```
root@ubuntu:/home/romadon# ifconfig
eth0: flags=4096<UP,BROADCAST,MULTICAST> mtu 1500
    inet 192.168.55.15 netmask 255.255.255.0 broadcast 192.168.55.255
    inet6 fe80::200:57ff:fe16:1a56 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:b7:af:16 txqueuelen 1000 (Ethernet)
    RX packets 65397 bytes 8218380 (82.2 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6441 bytes 433362 (432.3 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=7393<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 21677 bytes 1557007 (1.5 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 21677 bytes 1557007 (1.5 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

root@ubuntu:/home/romadon#
```

19. Kemudian ketik perintah Sudo apt install apache2 -y dan Sudo apt install mariadb-server mariadb client -y

```
root@ubuntu:/home/romadon# sudo apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.18-6ubuntu1.1).
0 upgraded, 0 newly installed, 0 to remove and 25 not upgraded.
root@ubuntu:/home/romadon#
```

```
root@ubuntu:/home/romadon# sudo apt install mariadb-server mariadb client -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
mariadb-client is already the newest version (10.4.19-0ubuntu0.22.04.1).
mariadb-server is already the newest version (10.4.19-0ubuntu0.22.04.1).
0 upgraded, 0 newly installed, 0 to remove and 25 not upgraded.
root@ubuntu:/home/romadon#
```


20. Ketik “sudo systemctl start mariadb” dan “sudo systemctl status mariadb” dan pili “Y”

```
File Edit View Search Terminal Help
Setting up mariadb-server (1:10.3.25-0ubuntu0.20.04.1) ...
Processing triggers for systemd (245.4-4ubuntu3.1) ...
Processing triggers for man-db (2.9.3-1) ...
Processing triggers for doc-base (0.10.9) ...
Processing 1 added doc-base file...
riobastian@R10:~$ sudo systemctl start mariadb
* mariadb.service - MariaDB 10.3.25 database server
   Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset: enabled)
   Active: active (running) since Sat 2020-11-28 11:01:28 WIB; 4min 1s ago
     Docs: man:mysqld(8)
           https://mariadb.com/kb/en/library/systemd/
   Main PID: 53378 (mysqld)
     Tasks: 31 (limit: 3131)
    Memory: 71.1M
     Source: Systemd Aliases/pathid=service
    Corrupt: --53378 /usr/bin/mysqld

Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: Processing databases
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: Information_schema
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: mysql
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: performance_schema
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: Phase 4/7: Checking and upgrading tables
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: Processing databases
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: Information_schema
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: performance_schema
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: Phase 7/7: Running 'FLUSH PRIVILEGES'
Nov 28 11:01:25 R10 /etc/mysql/debian-start[51418]: OK
riobastian@R10:~$ sudo mysql secure_installation
[mysql password for root@localhost:~]
Sorry, try again.
[mysql password for root@localhost:~]
NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
      servers IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
you haven't set the root password yet, the password will be blank,
so you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB
root user without the proper authorization.

Set root password? [Y/n] Y
```

21. Ketik Sudo apt install php –y

```
File Edit View Search Terminal Help
- Install a .deb package
- Show raw dependency information for a package
- dist-upgrade - Upgrade the system by removing/installing/upgrading packages
- download - Download the .deb file for a package
- edit-sources - Edit /etc/apt/sources.list with your preferred text editor
- dist-upgrade - Follow dist-upgrade selections
- full-upgrade - Same as 'dist-upgrade'
- held - List all held packages
- help - Show help for a command
- install - Install/upgrade packages
- list - List packages based on package names
- policy - Show policy settings
- purge - Remove packages and their configuration files
- recommends - List missing recommended packages for a particular package
- depends - Show reverse dependency information for a package
- reinstall - Download and (possibly) reinstall a currently installed package
- remove - Remove packages
- search - Search for a package by name and/or expression
- show - Display detailed information about a package
- showhold - Display all the source package records that match the given package name
- showsrc - Download source archives
- source - Same as 'edit-sources'
- unhold - Unhold a package
- update - Download lists of new/upgradable packages
- upgrade - Perform a safe upgrade
- version - Show the installed version of a package

riobastian@R10:~$ sudo apt install php -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
php is already the newest version (2:7.4+75).
0 upgraded, 0 newly installed, 0 to remove and 25 not upgraded.
riobastian@R10:~$ sudo apt install wget -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
wget is already the newest version (1.20.3-1ubuntu1).
0 upgraded, 0 newly installed, 0 to remove and 25 not upgraded.
```

22. Ketik perintah sudo apt install wget –y dan wget <https://wordpress.org/latest.zip> dan tunggu proses penginstalan selesai

```
File Edit View Search Terminal Help
- Show policy settings
- Remove packages and their configuration files
- List missing recommended packages for a particular package
- recommends - Show reverse dependency information for a package
- reinstall - Download and (possibly) reinstall a currently installed package
- remove - Remove packages
- search - Search for a package by name and/or expression
- show - Display detailed information about a package
- showhold - Same as 'held'
- showsrc - Display all the source package records that match the given package name
- source - Same as 'edit-sources'
- unhold - Unhold a package
- update - Download lists of new/upgradable packages
- upgrade - Perform a safe upgrade
- version - Show the installed version of a package

riobastian@R10:~$ sudo apt install php -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
php is already the newest version (2:7.4+75).
0 upgraded, 0 newly installed, 0 to remove and 25 not upgraded.
riobastian@R10:~$ sudo apt install wget -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
wget is already the newest version (1.20.3-1ubuntu1).
0 upgraded, 0 newly installed, 0 to remove and 25 not upgraded.
riobastian@R10:~$ wget https://wordpress.org/latest.zip
--2020-11-28 11:40:40-- https://wordpress.org/latest.zip
Resolving wordpress.org (wordpress.org)... 198.143.164.252
Connecting to wordpress.org (wordpress.org)[198.143.164.252]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 14009358 (13M) [application/zip]
Saving to: 'latest.zip'

latest.zip 100%[=====] 13.30M 1.78MB/s in 21s

2020-11-28 11:41:02 (661 KB/s) - 'latest.zip' saved [14009358/14009358]

riobastian@R10:~$ ls
Desktop Downloads Music numix-icon-theme-circle pt putty Videos
Documents latest.zip mykey.ppk Pictures Public Templates
riobastian@R10:~$
```


23.dan ketik `cd /wordpress` , `sudo cp -r * /var/www/html/` dan `sudo apt install php-mysql php-cg php-gd -y`

```
riobastian@ubuntu:~/wordpress$ ls
inflatng: wordpress/wp-admin/js/color-picker.js
inflatng: wordpress/wp-admin/js/password-strength-meter.js
inflatng: wordpress/wp-admin/js/customize-nav-menus.js
inflatng: wordpress/wp-admin/js/editor-expand.js
inflatng: wordpress/wp-admin/js/code-editor-main.js
inflatng: wordpress/wp-admin/js/set-post-thumbnail.js
inflatng: wordpress/wp-admin/options-permalink.php
inflatng: wordpress/wp-admin/widgets.php
inflatng: wordpress/wp-admin/setup-config.php
inflatng: wordpress/wp-admin/post-new.php
inflatng: wordpress/wp-admin/admin-header.php
inflatng: wordpress/wp-admin/themes.php
inflatng: wordpress/wp-admin/options-reading.php
inflatng: wordpress/wp-admin/options-discussion.php
inflatng: wordpress/wp-admin/comments-post.php
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ sudo mkdir wordpress
mkdir: cannot create directory 'wordpress': File exists
riobastian@ubuntu:~/wordpress$ ls
Desktop  Downloads  Music  music-icon-theme-circle  pt  putty  Videos
Documents latest.zip  mykey.pk  Pictures  Public  Templates  wordpress
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
riobastian@ubuntu:~/wordpress$ sudo cp -r * /var/www/html/
riobastian@ubuntu:~/wordpress$
```

```
riobastian@ubuntu:~/wordpress$ ls
inflatng: wordpress/wp-admin/widgets.php
inflatng: wordpress/wp-admin/setup-config.php
inflatng: wordpress/wp-admin/install.php
inflatng: wordpress/wp-admin/admin-header.php
inflatng: wordpress/wp-admin/post-new.php
inflatng: wordpress/wp-admin/themes.php
inflatng: wordpress/wp-admin/options-reading.php
inflatng: wordpress/wp-admin/options-discussion.php
inflatng: wordpress/wp-admin/comments-post.php
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ sudo mkdir wordpress
mkdir: cannot create directory 'wordpress': File exists
riobastian@ubuntu:~/wordpress$ ls
Desktop  Downloads  Music  music-icon-theme-circle  pt  putty  Videos
Documents latest.zip  mykey.pk  Pictures  Public  Templates  wordpress
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
riobastian@ubuntu:~/wordpress$ sudo cp -r * /var/www/html/
riobastian@ubuntu:~/wordpress$ cd /wordpress
riobastian@ubuntu:~/wordpress$ sudo rm -rf index.html
riobastian@ubuntu:~/wordpress$ ls
index.php  ultimuh.html  wp-blog-header.php  wp-cron.php  wp-login.php  wp-trackback.php
license.txt  ultimuh.html.save  wp-comments-post.php  wp-includes  wp-mail.php  xmlrpc.php
readme.html  wp-activate.php  wp-config-sample.php  wp-links-opml.php  wp-settings.php
rio.html  wp-admin  wp-content  wp-load.php  wp-signup.php
riobastian@ubuntu:~/wordpress$ sudo apt install php-mysql php-cg php-gd -y
```

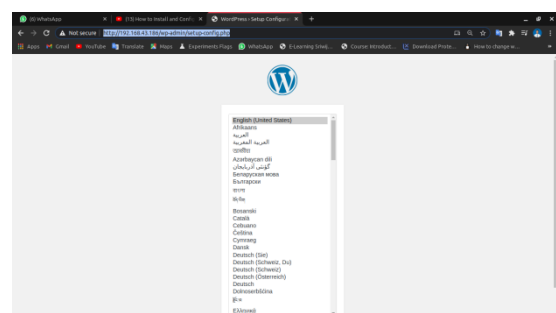
25.Ketik `sudo systemctl restart apache2` dan `sudo chown -R www-data /var/www/` dan ketik `ipconfig`

```
riobastian@ubuntu:~/wordpress$ ls
inflatng: wordpress/wp-admin/widgets.php
inflatng: wordpress/wp-admin/setup-config.php
inflatng: wordpress/wp-admin/install.php
inflatng: wordpress/wp-admin/admin-header.php
inflatng: wordpress/wp-admin/post-new.php
inflatng: wordpress/wp-admin/themes.php
inflatng: wordpress/wp-admin/options-reading.php
inflatng: wordpress/wp-admin/options-discussion.php
inflatng: wordpress/wp-admin/comments-post.php
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ sudo mkdir wordpress
mkdir: cannot create directory 'wordpress': File exists
riobastian@ubuntu:~/wordpress$ ls
Desktop  Downloads  Music  music-icon-theme-circle  pt  putty  Videos
Documents latest.zip  mykey.pk  Pictures  Public  Templates  wordpress
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
riobastian@ubuntu:~/wordpress$ sudo cp -r * /var/www/html/
riobastian@ubuntu:~/wordpress$
```

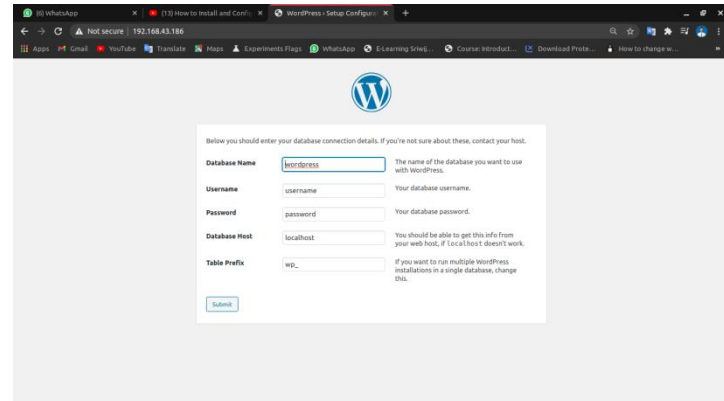
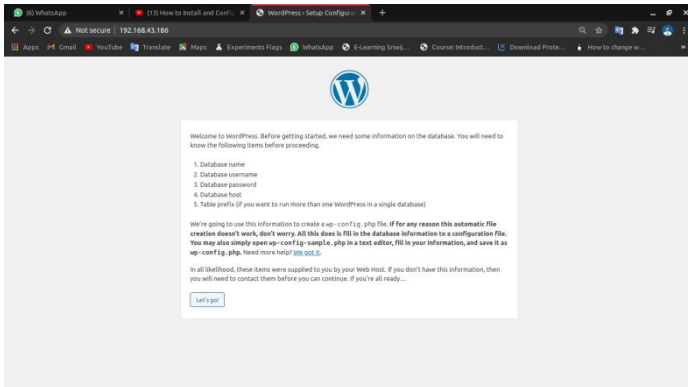
```
riobastian@ubuntu:~/wordpress$ ls
inflatng: wordpress/wp-admin/widgets.php
inflatng: wordpress/wp-admin/setup-config.php
inflatng: wordpress/wp-admin/install.php
inflatng: wordpress/wp-admin/admin-header.php
inflatng: wordpress/wp-admin/post-new.php
inflatng: wordpress/wp-admin/themes.php
inflatng: wordpress/wp-admin/options-reading.php
inflatng: wordpress/wp-admin/options-discussion.php
inflatng: wordpress/wp-admin/comments-post.php
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ sudo mkdir wordpress
mkdir: cannot create directory 'wordpress': File exists
riobastian@ubuntu:~/wordpress$ ls
Desktop  Downloads  Music  music-icon-theme-circle  pt  putty  Videos
Documents latest.zip  mykey.pk  Pictures  Public  Templates  wordpress
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
riobastian@ubuntu:~/wordpress$ sudo cp -r * /var/www/html/
riobastian@ubuntu:~/wordpress$ cd /wordpress
riobastian@ubuntu:~/wordpress$ sudo rm -rf index.html
riobastian@ubuntu:~/wordpress$ ls
index.php  ultimuh.html  wp-blog-header.php  wp-cron.php  wp-login.php  wp-trackback.php
license.txt  ultimuh.html.save  wp-comments-post.php  wp-includes  wp-mail.php  xmlrpc.php
readme.html  wp-activate.php  wp-config-sample.php  wp-links-opml.php  wp-settings.php
rio.html  wp-admin  wp-content  wp-load.php  wp-signup.php
riobastian@ubuntu:~/wordpress$ sudo apt install php-mysql php-cg php-gd -y
```

26.Ketik dibrowser dengan ip yang telah didapat dan pada pemilihan bahasa pilih english(united states)

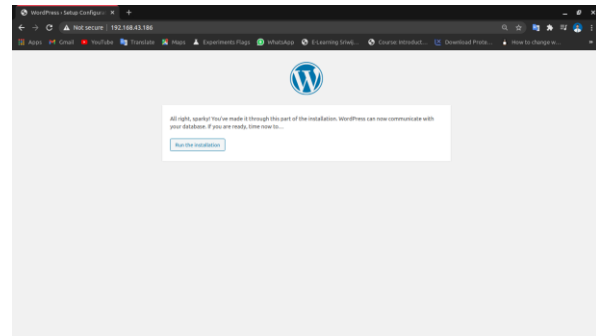
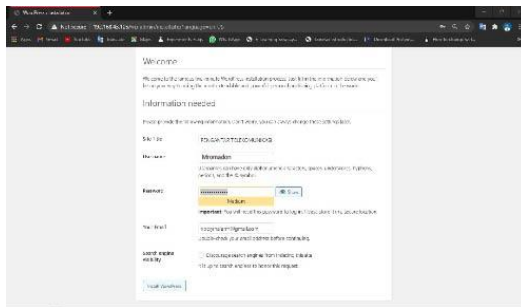
```
riobastian@ubuntu:~/wordpress$ ls
inflatng: wordpress/wp-admin/widgets.php
inflatng: wordpress/wp-admin/setup-config.php
inflatng: wordpress/wp-admin/install.php
inflatng: wordpress/wp-admin/admin-header.php
inflatng: wordpress/wp-admin/post-new.php
inflatng: wordpress/wp-admin/themes.php
inflatng: wordpress/wp-admin/options-reading.php
inflatng: wordpress/wp-admin/options-discussion.php
inflatng: wordpress/wp-admin/comments-post.php
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ sudo mkdir wordpress
mkdir: cannot create directory 'wordpress': File exists
riobastian@ubuntu:~/wordpress$ ls
Desktop  Downloads  Music  music-icon-theme-circle  pt  putty  Videos
Documents latest.zip  mykey.pk  Pictures  Public  Templates  wordpress
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
bash: cd: /wordpress: No such file or directory
riobastian@ubuntu:~/wordpress$ cd /wordpress
riobastian@ubuntu:~/wordpress$ sudo cp -r * /var/www/html/
riobastian@ubuntu:~/wordpress$ cd /wordpress
riobastian@ubuntu:~/wordpress$ sudo rm -rf index.html
riobastian@ubuntu:~/wordpress$ ls
index.php  ultimuh.html  wp-blog-header.php  wp-cron.php  wp-login.php  wp-trackback.php
license.txt  ultimuh.html.save  wp-comments-post.php  wp-includes  wp-mail.php  xmlrpc.php
readme.html  wp-activate.php  wp-config-sample.php  wp-links-opml.php  wp-settings.php
rio.html  wp-admin  wp-content  wp-load.php  wp-signup.php
riobastian@ubuntu:~/wordpress$ sudo apt install php-mysql php-cg php-gd -y
```



27. Pada tampilan ini pilih lets go! Dan biarkan ganti username menjadi wordpress



28. Isi data – data yang tersedia dan tekan Run the installation



29. Pada halaman dashboard ini buatlah sebuah website

