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## TUGAS PENGANTAR TELEKOMUNIKASI

## UBUNTU SERVER WITH WORDPRESS OR HTML BY PUTTY (SSH)

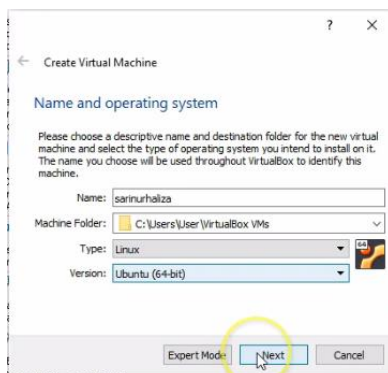Tahap-tahap :

1. Siapkan Virtual Box
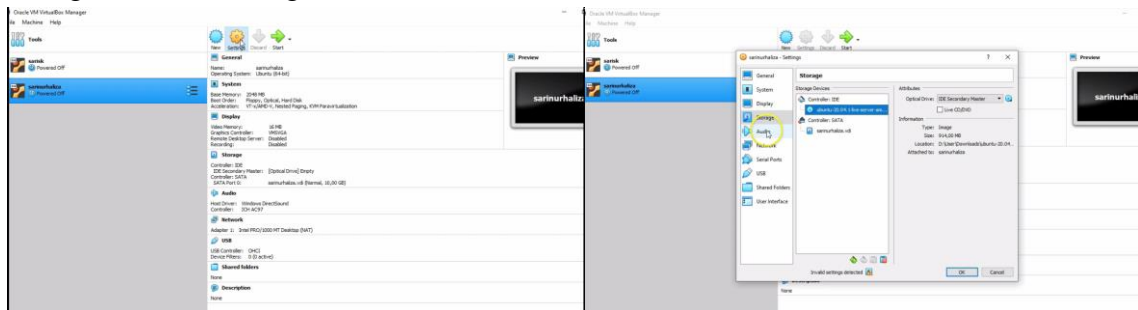


2. Siapkan Ubuntu



ubuntu-20.04.1-d
esktop-amd64(1)
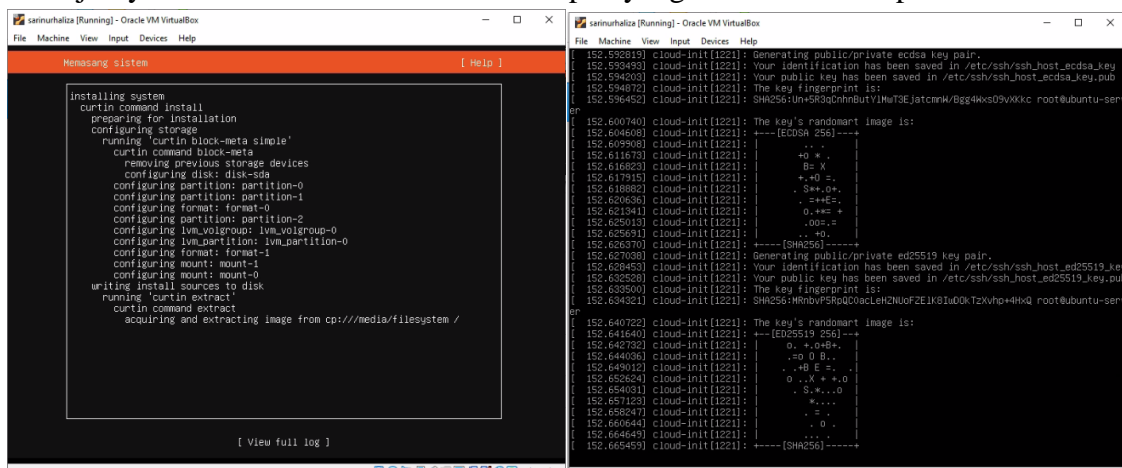
3. Siapkan Putty



putty - Shortcut

4. Lalu buat machine ubuntu pada virtual box dengan mengikuti tahapan yang tertera di layar virtual.

5. Lalu jika mechine sudah dibuat,masuk ke setting dan memasukkan file iso Ubuntu pada storage dan mensetting network.



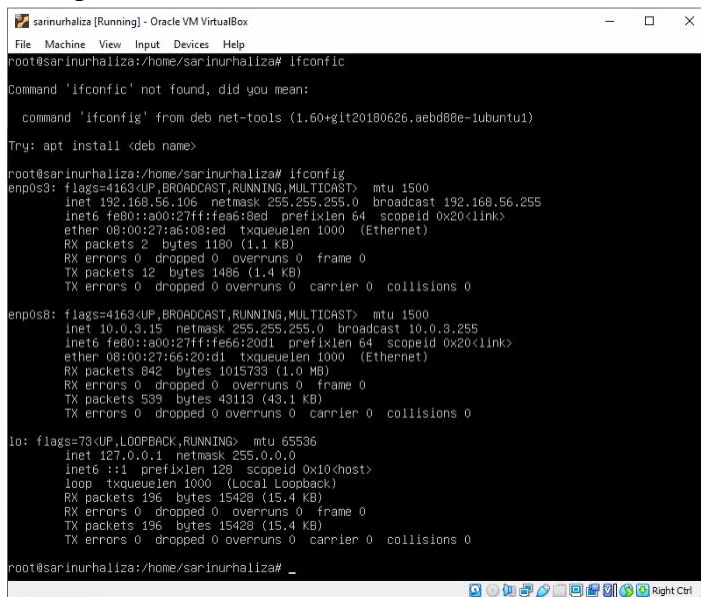6. Selanjutnya start mesin dan melakukan tahapan yang akan dilakukan pada Ubuntu



7. Tahap selanjutnya adalah masukkan username dan password,kemudian masuk ke super user
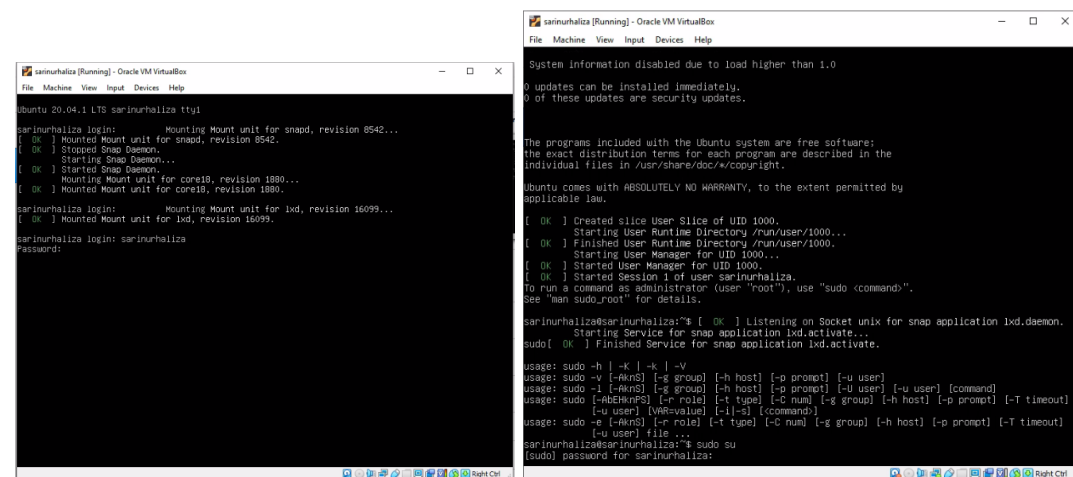
8. Install net-tools dengan "sudo apt-get install net-tools



```
root@sarinurhaliza:/home/sarinurhaliza# sudo apt install net-tools
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 196 kB of archives.
After this operation, 864 kB of additional disk space will be used.
Get:1 http://id.archive.ubuntu.com/ubuntu focal/main amd64 net-tools amd64 1.60+git20180626.aebd88e-
1ubuntu1 [196 kB]
Fetched 196 kB in 3s (75.5 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 67941 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ...
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
root@sarinurhaliza:/home/sarinurhaliza#
```
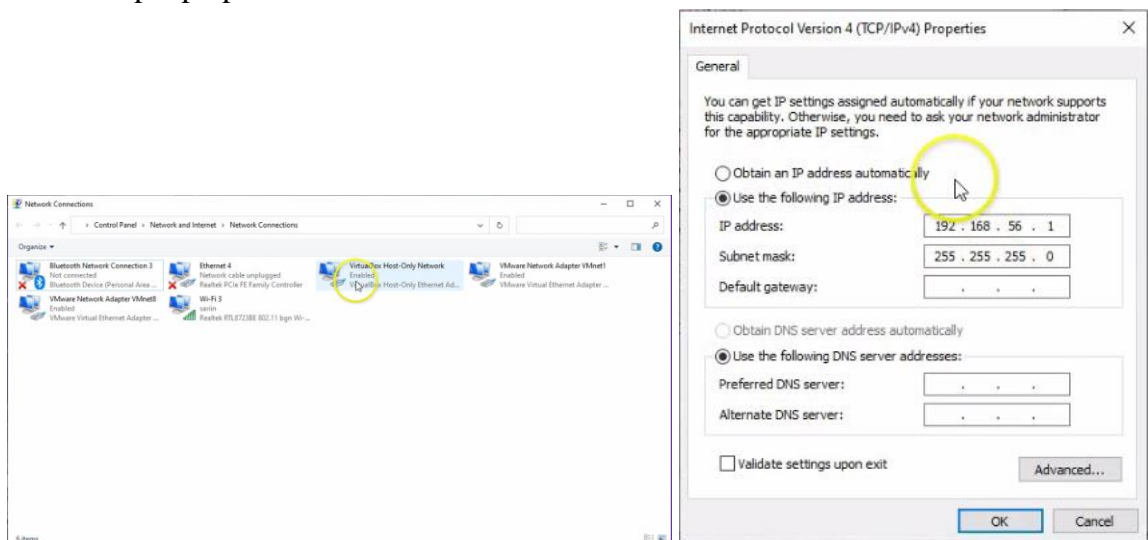
9. Cek ip Ubuntu



10. Lalu cek ip laptop

11. Lalu ping ip Ubuntu di command prompt

```
Command Prompt

Microsoft Windows [Version 10.0.19041.630]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\User>ping 192.168.56.106

Pinging 192.168.56.106 with 32 bytes of data:
Reply from 192.168.56.106: bytes=32 time=262ms TTL=64
Reply from 192.168.56.106: bytes=32 time<1ms TTL=64
Reply from 192.168.56.106: bytes=32 time<1ms TTL=64
Reply from 192.168.56.106: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.56.106:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 262ms, Average = 65ms

C:\Users\User>
```

12. Lalu ping ip laptop di Ubuntu

```
root@sarinurhaliza:/home/sarinurhaliza# ping 192.168.56.1
PING 192.168.56.1 (192.168.56.1) 56(84) bytes of data.
64 bytes from 192.168.56.1: icmp_seq=1 ttl=128 time=0.651 ms
64 bytes from 192.168.56.1: icmp_seq=2 ttl=128 time=0.535 ms
64 bytes from 192.168.56.1: icmp_seq=3 ttl=128 time=1.22 ms
64 bytes from 192.168.56.1: icmp_seq=4 ttl=128 time=0.740 ms
64 bytes from 192.168.56.1: icmp_seq=5 ttl=128 time=0.458 ms
64 bytes from 192.168.56.1: icmp_seq=6 ttl=128 time=1.05 ms
64 bytes from 192.168.56.1: icmp_seq=7 ttl=128 time=0.926 ms
^C
--- 192.168.56.1 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6011ms
rtt min/avg/max/mdev = 0.458/0.796/1.217/0.257 ms
root@sarinurhaliza:/home/sarinurhaliza# _
```
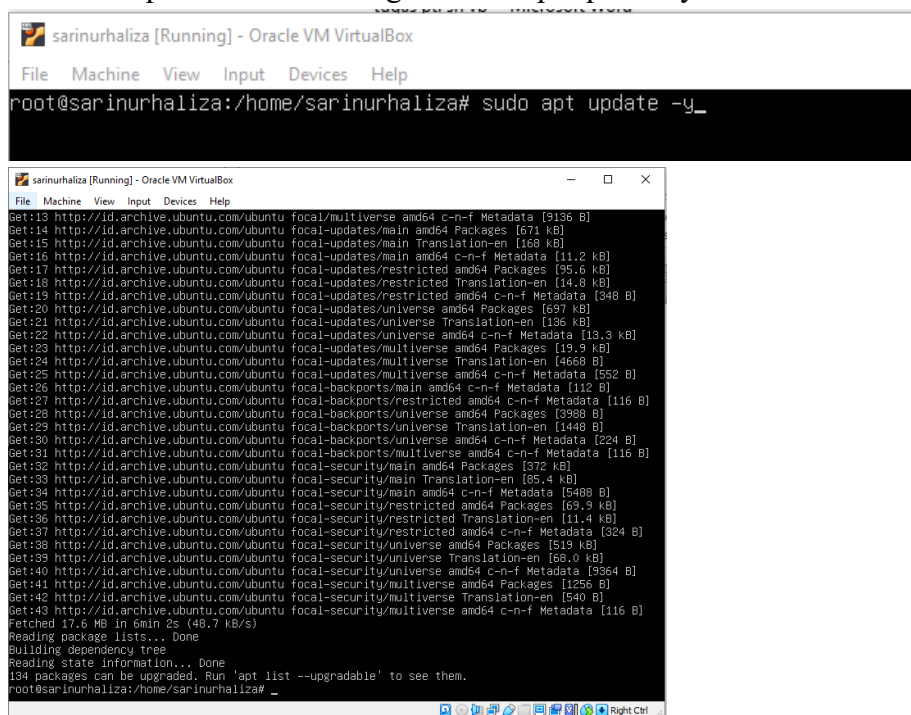
13. Install SSH dengan "sudo apt-get  install ssh"

```
root@sarinurhaliza:/home/sarinurhaliza# sudo apt-get install ssh
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libwrap0 ncurses-term openssh-server openssh-sftp-server ssh-import-id
Suggested packages:
  molly-guard monkeysphere ssh-askpass
The following NEW packages will be installed:
  libwrap0 ncurses-term openssh-server openssh-sftp-server ssh ssh-import-id
0 upgraded, 6 newly installed, 0 to remove and 0 not upgraded.
Need to get 739 kB of archives.
After this operation, 6241 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://id.archive.ubuntu.com/ubuntu focal-updates/main amd64 openssh-sftp-server amd64 1:8.2p1
-4ubuntu0.1 [51.5 kB]
Get:2 http://id.archive.ubuntu.com/ubuntu focal/main amd64 libwrap0 amd64 7.6.q-30 [46.3 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu focal-updates/main amd64 openssh-server amd64 1:8.2p1-4ubu
ntu0.1 [377 kB]
33% [3 openssh-server 142 kB/377 kB 38%]
```
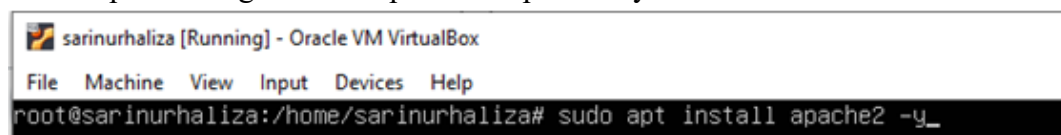
## 14. Buka putty,masukkan ip Ubuntu, lalu masukkan username Ubuntu
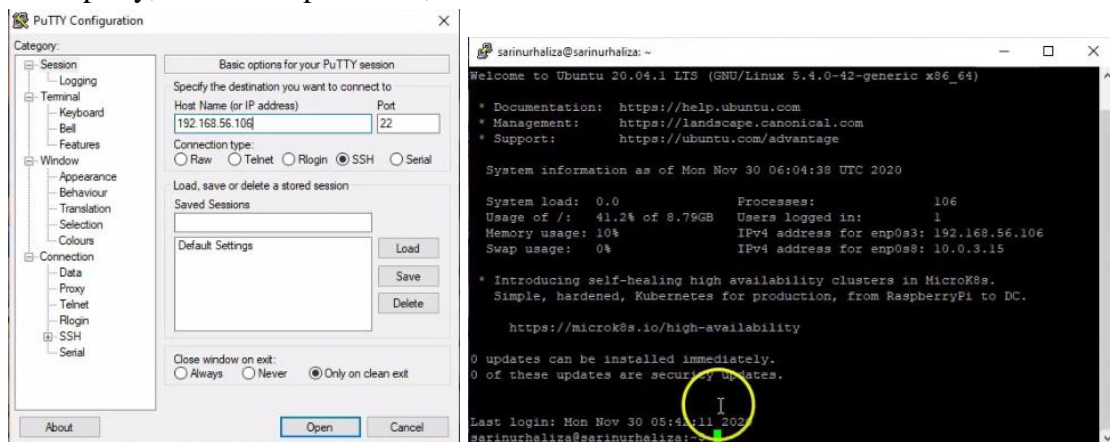


## 15. Lalu kita update machine dengan "sudo apt update –y"





## 16. Install apache dengan "sudo apt install apache2 -y

17. Install mariadb dengan perintah di bawah





18. Start dan update mariadb dengan perintah di bawah

19. Lalu install mysql dengan perintah di bawah





20. Install php

21. Install wget



22. Buka web wordpress untuk mendownload link wordpress



23. Wget link wordpress seperti perintah di bawah



24. Lalu ls



25. Lalu install unzip

```
 inflating: wordpress/wp-admin/js/gallery.js
 inflating: wordpress/wp-admin/js/word-count.js
 inflating: wordpress/wp-admin/js/accordion.min.js
 inflating: wordpress/wp-admin/js/inline-edit-post.min.js
 inflating: wordpress/wp-admin/js/customize-widgets.min.js
 inflating: wordpress/wp-admin/js/inline-edit-post.js
 inflating: wordpress/wp-admin/js/updates.js
 inflating: wordpress/wp-admin/js/media-upload.js
 inflating: wordpress/wp-admin/js/media.js
 inflating: wordpress/wp-admin/js/editor-expand.min.js
 inflating: wordpress/wp-admin/js/media-gallery.min.js
 inflating: wordpress/wp-admin/js/common.min.js
 inflating: wordpress/wp-admin/js/tags-box.min.js
 inflating: wordpress/wp-admin/js/svg-painter.min.js
 inflating: wordpress/wp-admin/js/custom-background.js
 inflating: wordpress/wp-admin/js/color-picker.min.js
 inflating: wordpress/wp-admin/js/code-editor.js
 inflating: wordpress/wp-admin/js/common.js
 inflating: wordpress/wp-admin/js/set-post-thumbnail.min.js
 inflating: wordpress/wp-admin/js/postbox.min.js
 inflating: wordpress/wp-admin/js/color-picker.js
 inflating: wordpress/wp-admin/js/password-strength-meter.js
 inflating: wordpress/wp-admin/js/customize-nav-menus.js
 inflating: wordpress/wp-admin/js/editor-expand.js
 inflating: wordpress/wp-admin/js/code-editor.min.js
 inflating: wordpress/wp-admin/js/set-post-thumbnail.js
 inflating: wordpress/wp-admin/options-permalink.php
 inflating: wordpress/wp-admin/widgets.php
 inflating: wordpress/wp-admin/setup-config.php
 inflating: wordpress/wp-admin/install.php
 inflating: wordpress/wp-admin/admin-header.php
 inflating: wordpress/wp-admin/post-new.php
 inflating: wordpress/wp-admin/themes.php
 inflating: wordpress/wp-admin/options-reading.php
 inflating: wordpress/wp-trackback.php
 inflating: wordpress/wp-comments-post.php
root@sarinurhaliza:/home/sarinurhaliza#
```

26. ls wordpress

```
root@sarinurhaliza:/home/sarinurhaliza# ls
latest.tar.gz   latest.zip   wordpress
root@sarinurhaliza:/home/sarinurhaliza#
```

27. cd wordpress

```
root@sarinurhaliza:/home/sarinurhaliza# cd wordpress/
root@sarinurhaliza:/home/sarinurhaliza/wordpress# _
```

28. ls wordpress

```
root@sarinurhaliza:/home/sarinurhaliza/wordpress# ls
index.php         wp-admin               wp-content          wp-load.php          wp-signup.php
license.txt       wp-blog-header.php     wp-cron.php         wp-login.php         wp-trackback.php
readme.html       wp-comments-post.php   wp-includes         wp-mail.php          xmlrpc.php
wp-activate.php   wp-config-sample.php   wp-links-opml.php   wp-settings.php
root@sarinurhaliza:/home/sarinurhaliza/wordpress# _
```

29. cp /var/www/html

```
root@sarinurhaliza:/home/sarinurhaliza/wordpress# sudo cp -r * /var/www/html
root@sarinurhaliza:/home/sarinurhaliza/wordpress#
```

30. cd /var/www/html/

```
root@sarinurhaliza:/home/sarinurhaliza/wordpress# cd /var/www/html/
root@sarinurhaliza:/var/www/html# ls
index.html     wp-activate.php         wp-config-sample.php   wp-links-opml.php   wp-settings.php
index.php      wp-admin                wp-content             wp-load.php         wp-signup.php
license.txt    wp-blog-header.php      wp-cron.php            wp-login.php        wp-trackback.php
readme.html    wp-comments-post.php    wp-includes            wp-mail.php         xmlrpc.php
root@sarinurhaliza:/var/www/html# _
```

31. rm index.html



32. install php seperti perintah dibawah ini



33. restart apache2



34. lalu chown seperti perintah di bawah



35. lalu beralih ke google dan masukkan ip Ubuntu dan tampilan akan beralih ke halaman wordpress
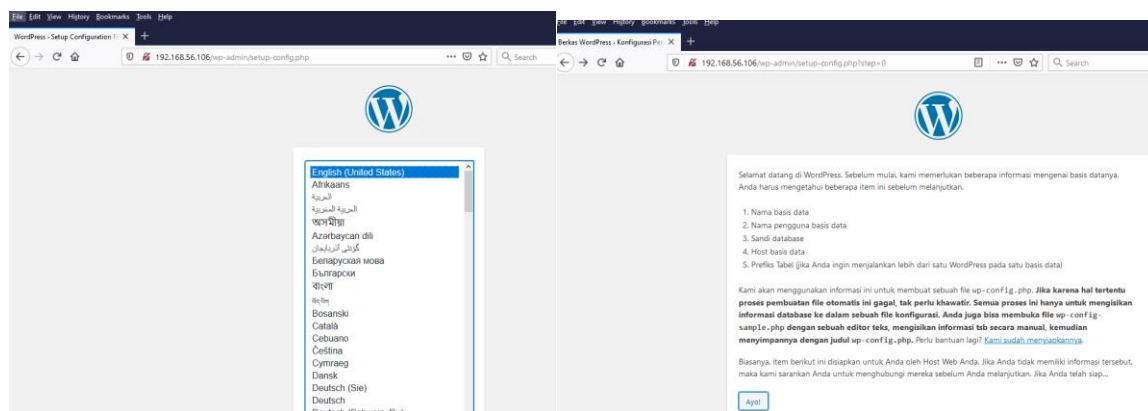
36. lalu masukkan perintah di bawah pada ubuntu

```
root@sarinurhaliza:/var/www/html# sudo mysql -u root -p_
```

```
root@sarinurhaliza:/var/www/html# sudo mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 57
Server version: 10.3.25-MariaDB-0ubuntu0.20.04.1 Ubuntu 20.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]>
```

```
MariaDB [(none)]> create database wordpress;
```

```
MariaDB [(none)]> show databases;
```

```
MariaDB [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| wordpress          |
+--------------------+
4 rows in set (0.001 sec)

MariaDB [(none)]>
```

```
MariaDB [(none)]> create user "wordpress"@"%" identified by "password";
Query OK, 0 rows affected (0.000 sec)

MariaDB [(none)]> _
```

```
MariaDB [(none)]> grant all privileges on wordpress.* to "wordpress"@"%";
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]>
```

```
MariaDB [(none)]> exit
Bye
root@sarinurhaliza:/var/www/html#
```

```
MariaDB [(none)]> create user "sarinurhaliza"@"%" identified by "1234";
Query OK, 0 rows affected (0.000 sec)

MariaDB [(none)]> _
```

```
MariaDB [(none)]> grant all privileges on wordpress.* to "sarinurhaliza"@"%";
Query OK, 0 rows affected (0.000 sec)
```

37. lalu beralih lagi ke google dan masukkan nama dan sandi

## 38. SELESAI