PEMROSESAN PARALEL

" WODRPRESS"

DOSEN PENGAMPU :

AHMAD HERYANTO, M.T.

ADI HERMANSYAH, M.T.

NAMA : FITRI ALFATIYA

NIM : 09011182126026

KELAS : SK 5 B INDRALAYA

PROGRAM STUDI SISTEM KOMPUTER

FAKULTAS ILMU KOMPUTER

UNIVERSITAS SRIWIJAYA

2023

1. Login ke Ubuntu dan ketik "ip a" untuk melihat ip

```
fitri@fitrialfatiya:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 100
0
    link/ether 08:00:27:42:49:64 brd ff:ff:ff:ff:ff:ff
    inet 192.168.1.19/24 metric 100 brd 192.168.1.255 scope global dynamic enp0s3
        valid_lft 172796sec preferred_lft 172796sec
    inet6 fe80::a00:27ff:fe42:4964/64 scope link
        valid_lft forever preferred_lft forever
fitri@fitrialfatiya:~$
```

2. Masuk/Login ke Ubuntu Server menggunakan Putty SSH server, lalu masukan hostname/ip address
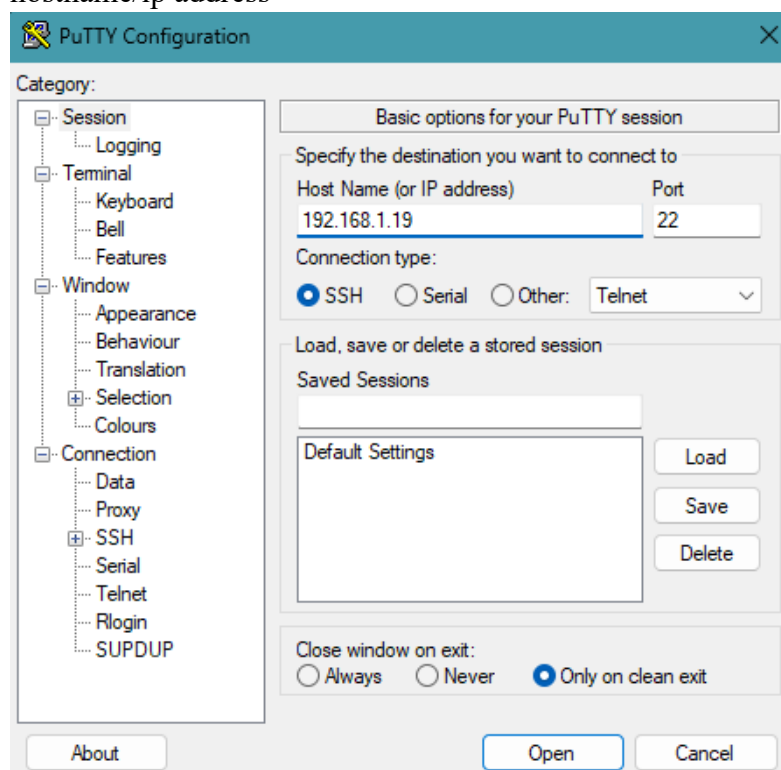
3. Login ke Putty, kemudian install server web apache

```
Last login: Mon Oct 30 11:15:13 2023 from 192.168.1.18
fitri@fitrialfatiya:~$ sudo apt install
[sudo] password for fitri:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
0 upgraded, 0 newly installed, 0 to remove and 34 not upgraded.
fitri@fitrialfatiya:~$
```

```
fitri@fitrialfatiya:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.52-1ubuntu4.6).
0 upgraded, 0 newly installed, 0 to remove and 34 not upgraded.
fitri@fitrialfatiya:~$
```

4. Install PHP dan modulnya

```
fitri@fitrialfatiya:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.1 php-common php8.1 php8.1-cli php8.1-common
  php8.1-mysql php8.1-opcache php8.1-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.1 php php-common php-mysql php8.1
  php8.1-cli php8.1-common php8.1-mysql php8.1-opcache php8.1-readline
0 upgraded, 11 newly installed, 0 to remove and 34 not upgraded.
Need to get 5.265 kB of archives.
After this operation, 21,8 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```
```
fitri@fitrialfatiya:~$ sudo systemctl restart apache2
fitri@fitrialfatiya:~$
```

5. Install database server (MySQL atau Mariadb)

```
fitri@fitrialfatiya:~$ sudo apt install mariadb-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  galera-4 libcgi-fast-perl libcgi-pm-perl libclone-perl
  libconfig-inifiles-perl libdaxctl1 libdbd-mysql-perl libdbi-perl
  libencode-locale-perl libfcgi-bin libfcgi-perl libfcgi0ldbl
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
  libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libmariadb3 libmysqlclient21 libndctl6 libpmem1
  libsnappy1v5 libtimedate-perl liburi-perl liburing2 mariadb-client-10.6
  mariadb-client-core-10.6 mariadb-common mariadb-server-10.6
  mariadb-server-core-10.6 mysql-common socat
Suggested packages:
  libmldbm-perl libnet-daemon-perl libsql-statement-perl libdata-dump-perl
  libipc-sharedcache-perl libbusiness-isbn-perl libwww-perl mailx mariadb-test
```

Amankan installasi mariadb

```
fitri@fitrialfatiya:~$  sudo mysql_secure_installation

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
haven't set the root password yet, you should just press enter here.

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

Setting the root password or using the unix_socket ensures that nobody
can log into the MariaDB root user without the proper authorisation.

You already have your root account protected, so you can safely answer 'n'.

Switch to unix_socket authentication [Y/n] yes
```

6. Buat database dan pengguna database. Log masuk ke mariadb sebagai root:

```
fitri@fitrialfatiya:~$ sudo mysql
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 34
Server version: 10.6.12-MariaDB-0ubuntu0.22.04.1 Ubuntu 22.04

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

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

Membuat database baru dan pengguna database untuk WordPress

```
MariaDB [(none)]> CREATE DATABASE ftiya_db;
Query OK, 1 row affected (0,000 sec)

MariaDB [(none)]> CREATE USER 'ftiya'@'localhost' IDENTIFIED BY 'ftiya123';
Query OK, 0 rows affected (0,007 sec)

MariaDB [(none)]> GRANT ALL PRIVILEGES ON ftiya_db.* TO 'ftiya'@'localhost';
Query OK, 0 rows affected (0,006 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0,001 sec)

MariaDB [(none)]> EXIT;
Bye
fitri@fitrialfatiya:~$
```

7. Install wordpress

```
fitri@fitrialfatiya:~$ cd /var/www/html
fitri@fitrialfatiya:/var/www/html$
```

```
fitri@fitrialfatiya:/var/www/html$ sudo wget https://wordpress.org/latest.tar.gz
--2023-10-30 11:33:07--  https://wordpress.org/latest.tar.gz
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: 23465047 (22M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz       100%[====================>]  22,38M  1,10MB/s    in 22s

2023-10-30 11:33:30 (1,02 MB/s) - 'latest.tar.gz' saved [23465047/23465047]
```

```
wordpress/wp-admin/js/custom-background.js
wordpress/wp-admin/js/color-picker.min.js
wordpress/wp-admin/js/auth-app.js
wordpress/wp-admin/js/code-editor.js
wordpress/wp-admin/js/common.js
wordpress/wp-admin/js/set-post-thumbnail.min.js
wordpress/wp-admin/js/postbox.min.js
wordpress/wp-admin/js/color-picker.js
wordpress/wp-admin/js/password-strength-meter.js
wordpress/wp-admin/js/customize-nav-menus.js
wordpress/wp-admin/js/editor-expand.js
wordpress/wp-admin/js/code-editor.min.js
wordpress/wp-admin/js/set-post-thumbnail.js
wordpress/wp-admin/options-permalink.php
wordpress/wp-admin/widgets.php
wordpress/wp-admin/setup-config.php
wordpress/wp-admin/install.php
wordpress/wp-admin/admin-header.php
wordpress/wp-admin/post-new.php
wordpress/wp-admin/themes.php
wordpress/wp-admin/options-reading.php
wordpress/wp-trackback.php
wordpress/wp-comments-post.php
fitri@fitrialfatiya:/var/www/html$
```

```
fitri@fitrialfatiya:/var/www/html$ sudo mv wordpress fitri_folder
fitri@fitrialfatiya:/var/www/html$
```

8. Konfigurasi wordpress. Buat salinan file konfigurasi WordPress:

```
fitri@fitrialfatiya:/var/www/html$ sudo cp /var/www/html/fitri_folder/wp-config-
sample.php /var/www/html/fitri_folder/wp-config.php
```

Selanjutnya, edit file `wp-config.php`:

```
fitri@fitrialfatiya:/var/www/html$ sudo nano /var/www/html/fitri_folder/wp-confi
g.php
```

Ganti konfigurasi database dengan informasi yang sesuai yang telah Anda buat sebelumnya

```
  GNU nano 6.2          /var/www/html/fitri_folder/wp-config.php *
 *
 * @package WordPress
 */

// ** Database settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define( 'DB_NAME', 'ftiya_db' );

/** Database username */
define( 'DB_USER', 'ftiya' );

/** Database password */
define( 'DB_PASSWORD', 'ftiya123' );

/** Database hostname */
define( 'DB_HOST', 'localhost' );

/** Database charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8' );



^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^/ Go To Line
fitri@fitrialfatiya:/var/www/html$ define('DB_NAME', 'ftiya_db');
-bash: syntax error near unexpected token `'DB_NAME','
fitri@fitrialfatiya:/var/www/html$ define('DB_USER', 'ftiya');
-bash: syntax error near unexpected token `'DB_USER','
fitri@fitrialfatiya:/var/www/html$ define('DB_PASSWORD', 'ftiya123');
-bash: syntax error near unexpected token `'DB_PASSWORD','
fitri@fitrialfatiya:/var/www/html$ define('DB_HOST', 'localhost');
-bash: syntax error near unexpected token `'DB_HOST','
fitri@fitrialfatiya:/var/www/html$
```

9. Setel hak akses. Pastikan Apache memiliki hak akses yang tepat ke folder WordPress:

```
fitri@fitrialfatiya:/var/www/html$ sudo chown -R www-data:www-data /var/www/html
/fitri_folder
```


10. Konfigurasi web server. Buat konfigurasi server web Apache untuk mengarahkan permintaan ke WordPress. Buat file konfigurasi baru:

```
fitri@fitrialfatiya:/var/www/html$ sudo nano /etc/apache2/sites-available/192.16
8.1.19.conf
```

Isi konfigurasi server web:

```
  GNU nano 6.2        /etc/apache2/sites-available/192.168.1.19.conf
<VirtualHost *:80>
        ServerAdmin admin@192.168.1.19
        DocumentRoot /var/www/html/fitri_folder
        ServerName 192.168.1.19
        ServerAlias www.192.168.1.19
        <Directory /var/www/html/fitri_folder>
            Options FollowSymLinks
            AllowOverride All
            Require all granted
        </Directory>
        ErrorLog ${APACHE_LOG_DIR}/error.log
        CustomLog ${APACHE_LOG_DIR}/access.log combined
  </VirtualHost>




                            [ Read 13 lines ]
^G Help        ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location
^X Exit        ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^/ Go To Line
```

11. Aktifkan konfigurasi dan restart apache

```
fitri@fitrialfatiya:/var/www/html$ sudo a2ensite 192.168.1.19.conf
Enabling site 192.168.1.19.
To activate the new configuration, you need to run:
  systemctl reload apache2
fitri@fitrialfatiya:/var/www/html$ sudo systemctl restart apache2
fitri@fitrialfatiya:/var/www/html$
```
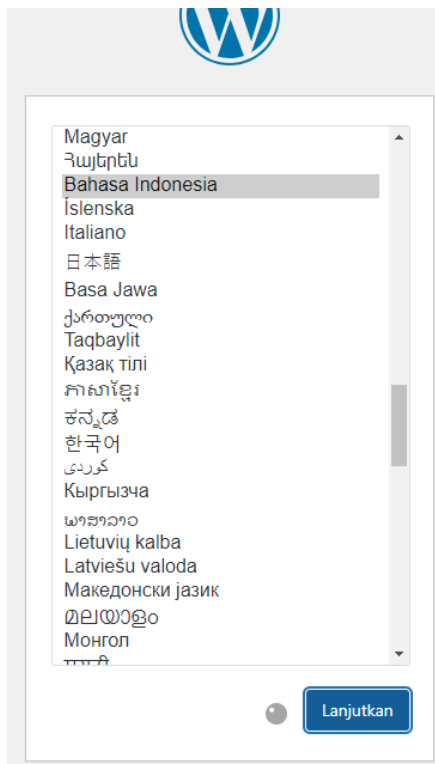
12. Cek status keaktifan apache2

```
fitri@fitrialfatiya:/var/www/html$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor prese>
     Active: active (running) since Mon 2023-10-30 11:47:04 UTC; 50s ago
       Docs: https://httpd.apache.org/docs/2.4/
    Process: 11433 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/S>
   Main PID: 11438 (apache2)
      Tasks: 6 (limit: 1013)
     Memory: 10.2M
        CPU: 34ms
     CGroup: /system.slice/apache2.service
             ├─11438 /usr/sbin/apache2 -k start
             ├─11439 /usr/sbin/apache2 -k start
             ├─11440 /usr/sbin/apache2 -k start
             ├─11441 /usr/sbin/apache2 -k start
             ├─11442 /usr/sbin/apache2 -k start
             └─11443 /usr/sbin/apache2 -k start

Okt 30 11:47:03 fitrialfatiya systemd[1]: apache2.service: Deactivated successf>
Okt 30 11:47:03 fitrialfatiya systemd[1]: Stopped The Apache HTTP Server.
Okt 30 11:47:03 fitrialfatiya systemd[1]: Starting The Apache HTTP Server...
Okt 30 11:47:04 fitrialfatiya apachectl[11436]: AH00558: apache2: Could not rel>
Okt 30 11:47:04 fitrialfatiya systemd[1]: Started The Apache HTTP Server.
lines 1-22/22 (END)
```

13. Lalu ke web dan ketik sesuai domain http://192.168.1.19/wp-admin/install.php. Akan muncul tampilan pemilihan Bahasa seperti tampilan dibawah ini, lanjut pilih Bahasa Indonesia

14. Masukkan data diri, kata sandi dan email untuk menginstall wordpress

Wordpress berhasil di install
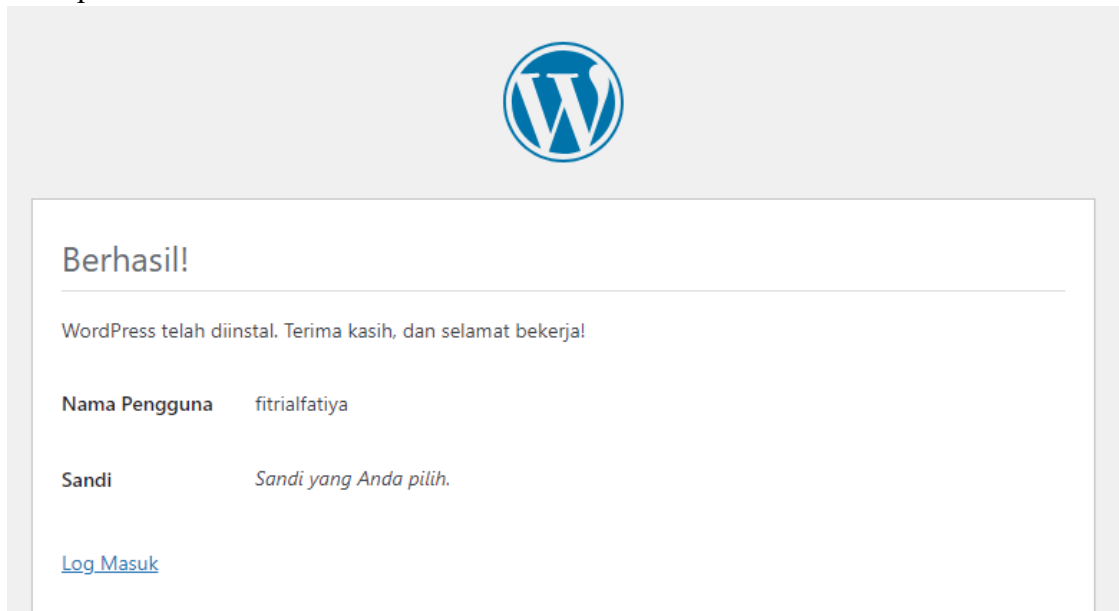
Login kembali dengan memasukkan nama pengguna dan sandi yang telah dibuat.
Dibawah ini adalah tampilan untuk admin server