

LAPORAN WORDPRESS



Disusun Oleh :

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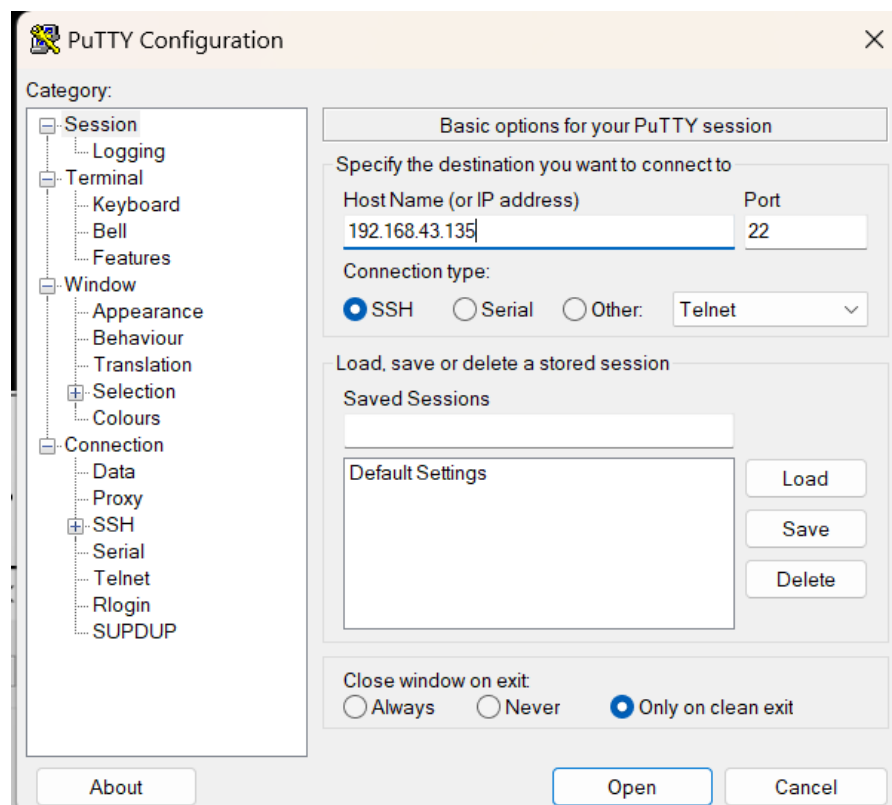
Kelas : SK 5A Indralaya

**JURUSAN SISTEM KOMPUTER
FAKULTAS ILMU KOMPUTER
UNIVERSITAS SRIWIJAYA
INDRALAYA
2023**

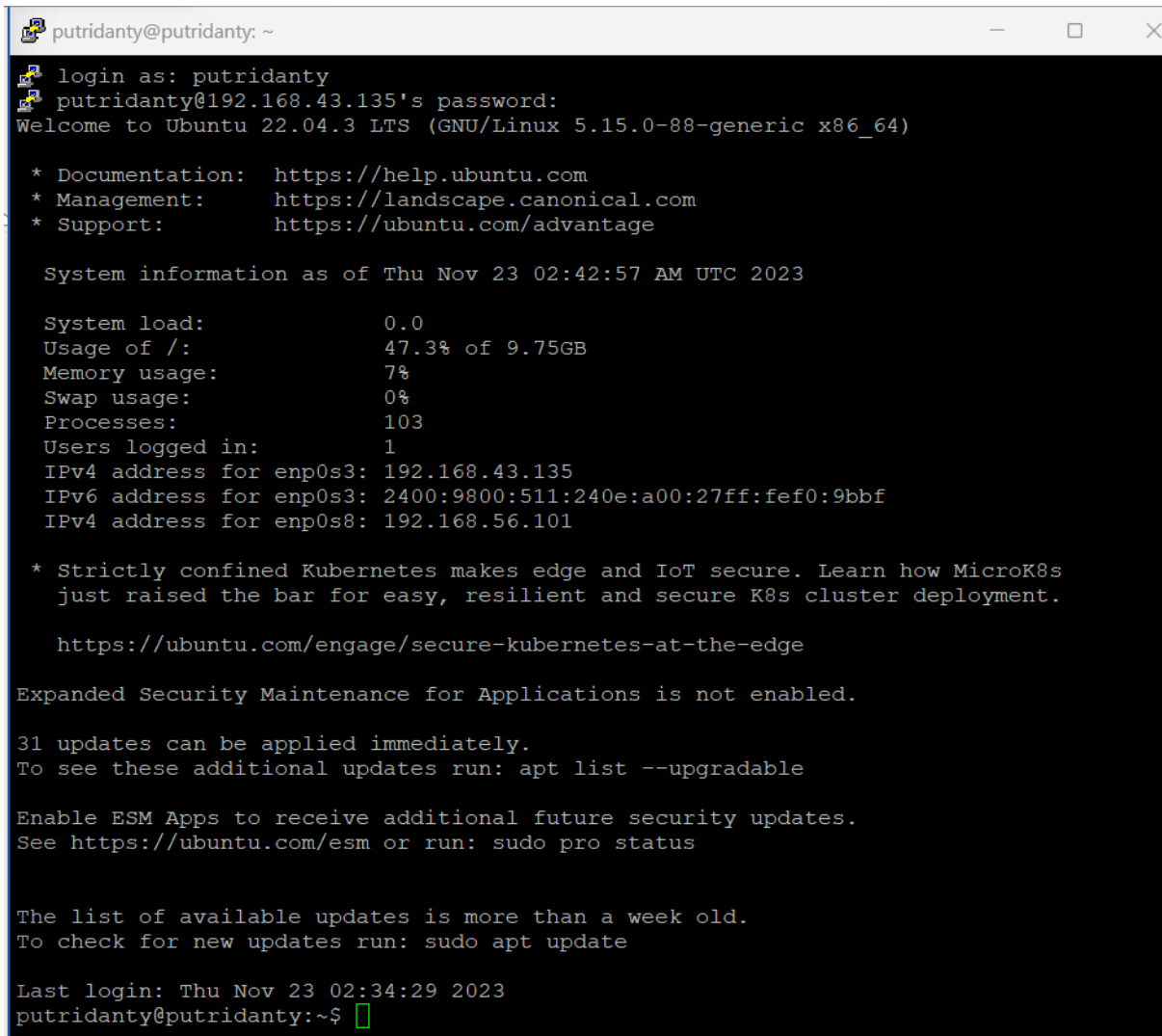
Login ke Ubuntu Server, kemudian cek Ip Address pada Ubuntu Server dengan mengetikkan ip a

```
putridanty@putridanty:~$ 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 1000
    link/ether 08:00:27:f0:9b:bf brd ff:ff:ff:ff:ff:ff
    inet 192.168.43.135/24 metric 100 brd 192.168.43.255 scope global dynamic enp0s3
        valid_lft 3526sec preferred_lft 3526sec
    inet6 2400:9800:511:240e:a00:27ff:fef0:9bbf/64 scope global dynamic mngtmpaddr noprefixroute
        valid_lft 3524sec preferred_lft 3524sec
    inet6 fe80::a00:27ff:fef0:9bbf/64 scope link
        valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:d2:da:e2 brd ff:ff:ff:ff:ff:ff
    inet 192.168.56.101/24 metric 100 brd 192.168.56.255 scope global dynamic enp0s8
        valid_lft 415sec preferred_lft 415sec
    inet6 fe80::a00:27ff:fed2:dae2/64 scope link
        valid_lft forever preferred_lft forever
putridanty@putridanty:~$
```

Masuk/login Ubuntu Server dengan menggunakan PuTTY SSH server. Kemudian masukkan hostname atau Ip Address.



Login ke PuTTY



```
putridanty@putridanty: ~  
login as: putridanty  
putridanty@192.168.43.135's password:  
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-88-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Thu Nov 23 02:42:57 AM UTC 2023  
  
System load:            0.0  
Usage of /:              47.3% of 9.75GB  
Memory usage:           7%  
Swap usage:             0%  
Processes:              103  
Users logged in:        1  
IPv4 address for enp0s3: 192.168.43.135  
IPv6 address for enp0s3: 2400:9800:511:240e:a00:27ff:fef0:9bbf  
IPv4 address for enp0s8: 192.168.56.101  
  
* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s  
  just raised the bar for easy, resilient and secure K8s cluster deployment.  
  
  https://ubuntu.com/engage/secure-kubernetes-at-the-edge  
  
Expanded Security Maintenance for Applications is not enabled.  
  
31 updates can be applied immediately.  
To see these additional updates run: apt list --upgradable  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
Last login: Thu Nov 23 02:34:29 2023  
putridanty@putridanty:~$
```

Install server web Apache dengan menjalankan perintah berikut ini.

```

putridanty@putridanty:~$ sudo apt update
[sudo] password for putridanty:
Hit:1 http://id.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://id.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]
Get:4 http://id.archive.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:5 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1,196 k
B]
Get:6 http://id.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [252 kB]
Get:7 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [1
6.1 kB]
Get:8 http://id.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [1
,159 kB]
Get:9 http://id.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [1
88 kB]
Get:10 http://id.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 c-n-f Meta
data [520 B]
Get:11 http://id.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1,
002 kB]
Get:12 http://id.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [22
1 kB]
Get:13 http://id.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metada
ta [22.1 kB]
Get:14 http://id.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [
41.6 kB]
Get:15 http://id.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Meta
data [472 B]

```

```

putridanty@putridanty:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support
  ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
  bzip2-doc
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support
  ssl-cert
0 upgraded, 13 newly installed, 0 to remove and 54 not upgraded.
Need to get 2,139 kB of archives.
After this operation, 8,518 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libapr1 amd64 1.7
.0-8ubuntu0.22.04.1 [108 kB]
Get:2 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1 amd64
1.6.1-5ubuntu4.22.04.2 [92.8 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1-dbd-s
qlite3 amd64 1.6.1-5ubuntu4.22.04.2 [11.3 kB]
Get:4 http://id.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1-ldap
amd64 1.6.1-5ubuntu4.22.04.2 [9,170 B]
Get:5 http://id.archive.ubuntu.com/ubuntu jammy/main amd64 liblua5.3-0 amd64 5.3.6-1

```

Aktifkan dan mulai Apache

```

putridanty@putridanty:~$ sudo systemctl start apache2
[sudo] password for putridanty:
putridanty@putridanty:~$ sudo systemctl enable apache2
Synchronizing state of apache2.service with SysV service script with /lib/systemd/sy
stemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable apache2
putridanty@putridanty:~$

```

Install PHP dan modul yang diperlukan untuk Apache, pastikan PHP bekerja dengan Apache.

```
putridanty@putridanty:~$ 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 54 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]
```

```
putridanty@putridanty:~$ sudo systemctl restart apache2
```

Install Database Server (MySQL)

```
putridanty@putridanty:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libbcbi-fast-perl libbcbi-pm-perl libclone-perl libencode-locale-perl
  libevent-pthreads-2.1-7 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 libmecab2
  libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8
  mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server-8.0
  mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libbusiness-isbn-perl libwww-perl
  mailx tinycal
The following NEW packages will be installed:
  libbcbi-fast-perl libbcbi-pm-perl libclone-perl libencode-locale-perl
  libevent-pthreads-2.1-7 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 libmecab2
  libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8
  mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server
  mysql-server-8.0 mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 54 not upgraded.
Need to get 29.6 MB of archives.
After this operation, 243 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Buat Database dan pengguna Database

```

putridanty@putridanty:~$ sudo mysql_secure_installation

Securing the MySQL server deployment.

Connecting to MySQL using a blank password.

VALIDATE PASSWORD COMPONENT can be used to test passwords
and improve security. It checks the strength of password
and allows the users to set only those passwords which are
secure enough. Would you like to setup VALIDATE PASSWORD component?

Press y|Y for Yes, any other key for No: y

There are three levels of password validation policy:

LOW      Length >= 8
MEDIUM  Length >= 8, numeric, mixed case, and special characters
STRONG Length >= 8, numeric, mixed case, special characters and dictionary
        file

Please enter 0 = LOW, 1 = MEDIUM and 2 = STRONG: 1

```

```

putridanty@putridanty:~$ sudo mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 18
Server version: 8.0.35-0ubuntu0.22.04.1 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

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

mysql>

```

Buat database baru dan pengguna database untuk WordPress. Gantilah `nama_database`, `nama_pengguna`, dan `password_pengguna`

```

mysql> CREATE DATABASE danty_database;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE USER 'putridanty'@'localhost' IDENTIFIED BY '24Danty@#';
Query OK, 0 rows affected (0.02 sec)

mysql> FLUSH PRIVILEGES;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'PRIVILEGES' at line 1
mysql> FLUSH PRIVILEGES;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'PRIVILEGES' at line 1
mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.01 sec)

mysql> EXIT
Bye
putridanty@putridanty:~$

```

Instal WordPress dan ekstrak arsip WordPress ke direktori web root. Gantilah `nama_folder` dengan nama folder yang diinginkan.

```

putridanty@putridanty:~$ cd /var/www/html
putridanty@putridanty:/var/www/html$ sudo wget https://wordpress.org/latest.tar.gz
--2023-11-23 03:54:05-- https://wordpress.org/latest.tar.gz
Resolving wordpress.org (wordpress.org)... 64:ff9b::c68f:a4fc, 198.143.164.252
Connecting to wordpress.org (wordpress.org)|64:ff9b::c68f:a4fc|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 24479162 (23M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz      100%[=====>] 23.34M  1.51MB/s   in 17s

2023-11-23 03:54:26 (1.37 MB/s) - 'latest.tar.gz' saved [24479162/24479162]

putridanty@putridanty:/var/www/html$ █

```

```

putridanty@putridanty:/var/www/html$ sudo tar -xzf latest.tar.gz █

```

```

putridanty@putridanty:/var/www/html$ sudo mv wordpress putridanty_folder
putridanty@putridanty:/var/www/html$ █

```

Buat salinan file konfigurasi WordPress. Buat salinan file konfigurasi WordPress:

```

putridanty@putridanty: /var/www/html
GNU nano 6.2 /var/www/html/putridanty_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', 'danty_database');

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

/** Database password */
define('DB_PASSWORD', '24Danty@#');

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

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

/** The database collate type. Don't change this if in doubt. */
define('DB_COLLATE', '');

```

Pastikan Apache memiliki hak akses yang tepat ke folder WordPress:

```

putridanty@putridanty:/var/www/html$ sudo chown -R www-data:www-data /var/www/html/p
utridanty_folder
[sudo] password for putridanty:
putridanty@putridanty:/var/www/html$ █

```

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

```

putridanty@putridanty:/var/www/html$ sudo nano /etc/apache2/sites-available/192.168.43.1
35.conf █

```

Isi konfigurasi server web:


```
putridanty@putridanty: /var/www/html
GNU nano 6.2 /etc/apache2/sites-available/192.168.43.135.conf
<VirtualHost *:80>
    ServerAdmin admin@192.168.43.135
    DocumentRoot /var/www/html/putridanty_folder
    ServerName 192.168.43.135
    ServerAlias www.192.168.43.135
    <Directory /var/www/html/putridanty_folder>
        Options FollowSymLinks
        AllowOverride All
        Require all granted
    </Directory>
    ErrorLog ${APACHE_LOG_DIR}/error.log
    CustomLog ${APACHE_LOG_DIR}/access.log combined
</VirtualHost>
```

Aktifkan konfigurasi situs dan restart Apache:

```
putridanty@putridanty:/var/www/html$ sudo a2ensite 192.168.43.135.conf
Enabling site 192.168.43.135.
To activate the new configuration, you need to run:
    systemctl reload apache2
putridanty@putridanty:/var/www/html$
```

```
putridanty@putridanty:/var/www/html$ sudo systemctl restart apache2
```

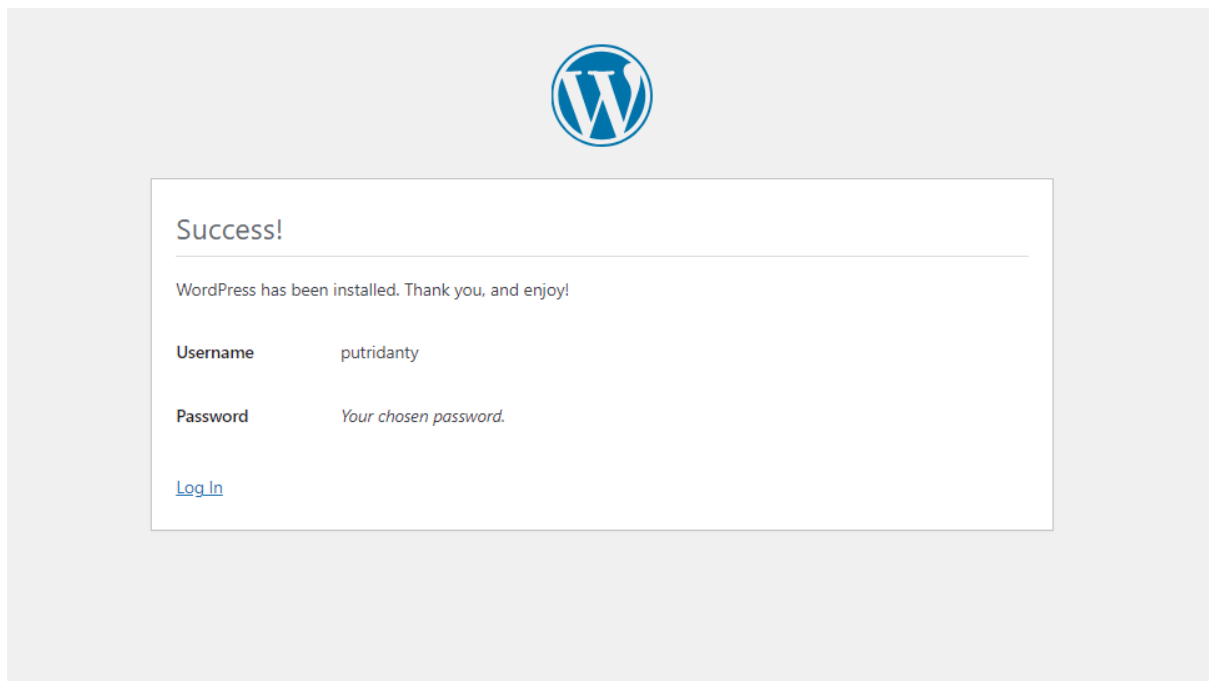
Cek status keaktifan apache2

```
putridanty@putridanty:/var/www/html$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: en>
   Active: active (running) since Thu 2023-11-23 07:51:27 UTC; 29s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 11897 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCE>
   Main PID: 11901 (apache2)
    Tasks: 6 (limit: 3427)
   Memory: 10.2M
      CPU: 45ms
   CGroup: /system.slice/apache2.service
           └─11901 /usr/sbin/apache2 -k start
             └─11902 /usr/sbin/apache2 -k start
               └─11903 /usr/sbin/apache2 -k start
                 └─11904 /usr/sbin/apache2 -k start
                   └─11905 /usr/sbin/apache2 -k start
                     └─11906 /usr/sbin/apache2 -k start

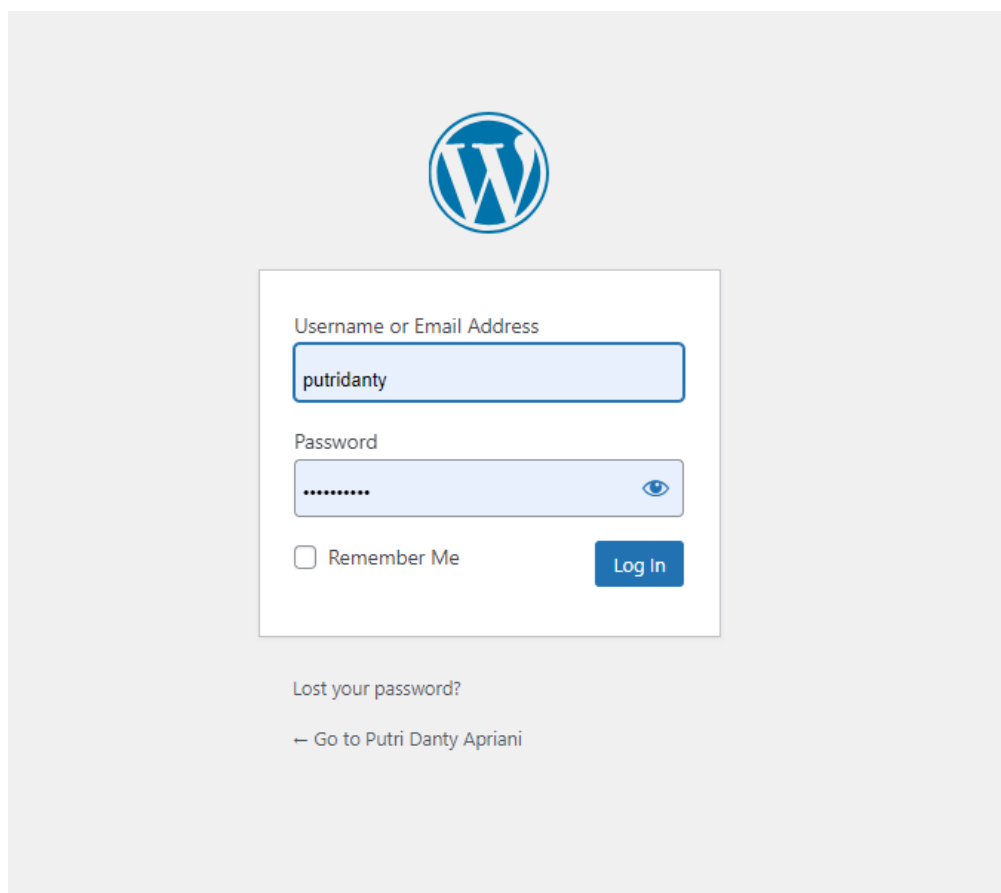
Nov 23 07:51:27 putridanty systemd[1]: apache2.service: Deactivated successfully.
Nov 23 07:51:27 putridanty systemd[1]: Stopped The Apache HTTP Server.
Nov 23 07:51:27 putridanty systemd[1]: apache2.service: Consumed 1.137s CPU time.
Nov 23 07:51:27 putridanty systemd[1]: Starting The Apache HTTP Server...
Nov 23 07:51:27 putridanty apachectl[11900]: AH00558: apache2: Could not reliably d>
Nov 23 07:51:27 putridanty systemd[1]: Started The Apache HTTP Server.
lines 1-23/23 (END)
```

```
putridanty@putridanty:/var/www/html$ ls
index.html latest.tar.gz putridanty_folder wordpress
putridanty@putridanty:/var/www/html$
```

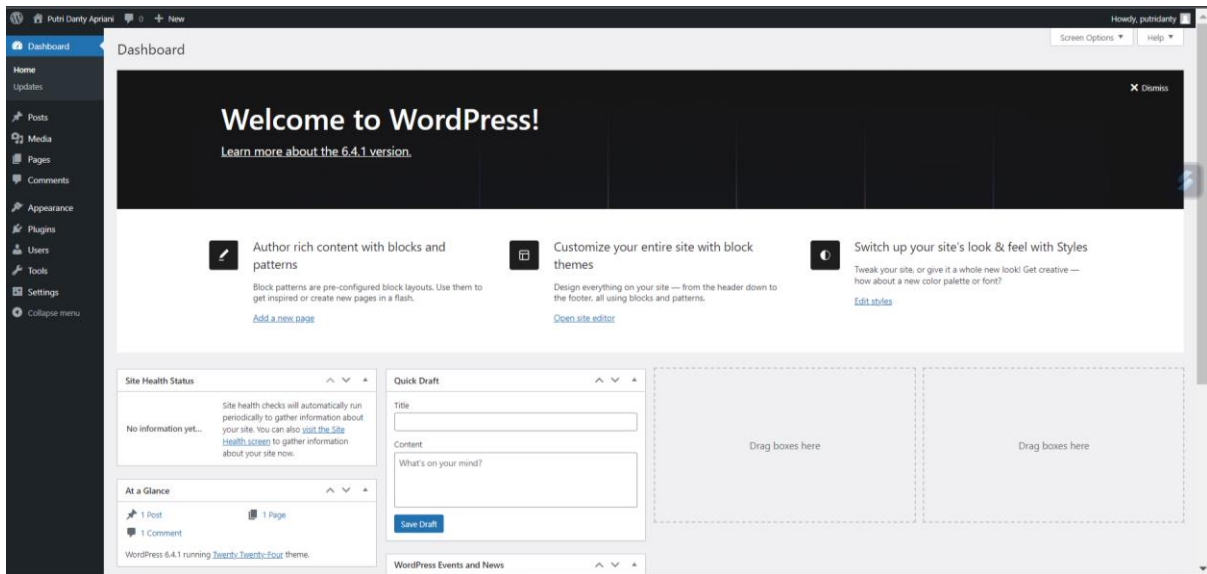
Lalu ke web dan ketik sesuai domain “http://192.168.43.135/wpadmin/install.php” maka tampilan akan berubah seperti ini:



Kemudian langsung masuk ke admin page



Ini adalah tampilan Dashboard



Tampilan Homepage

