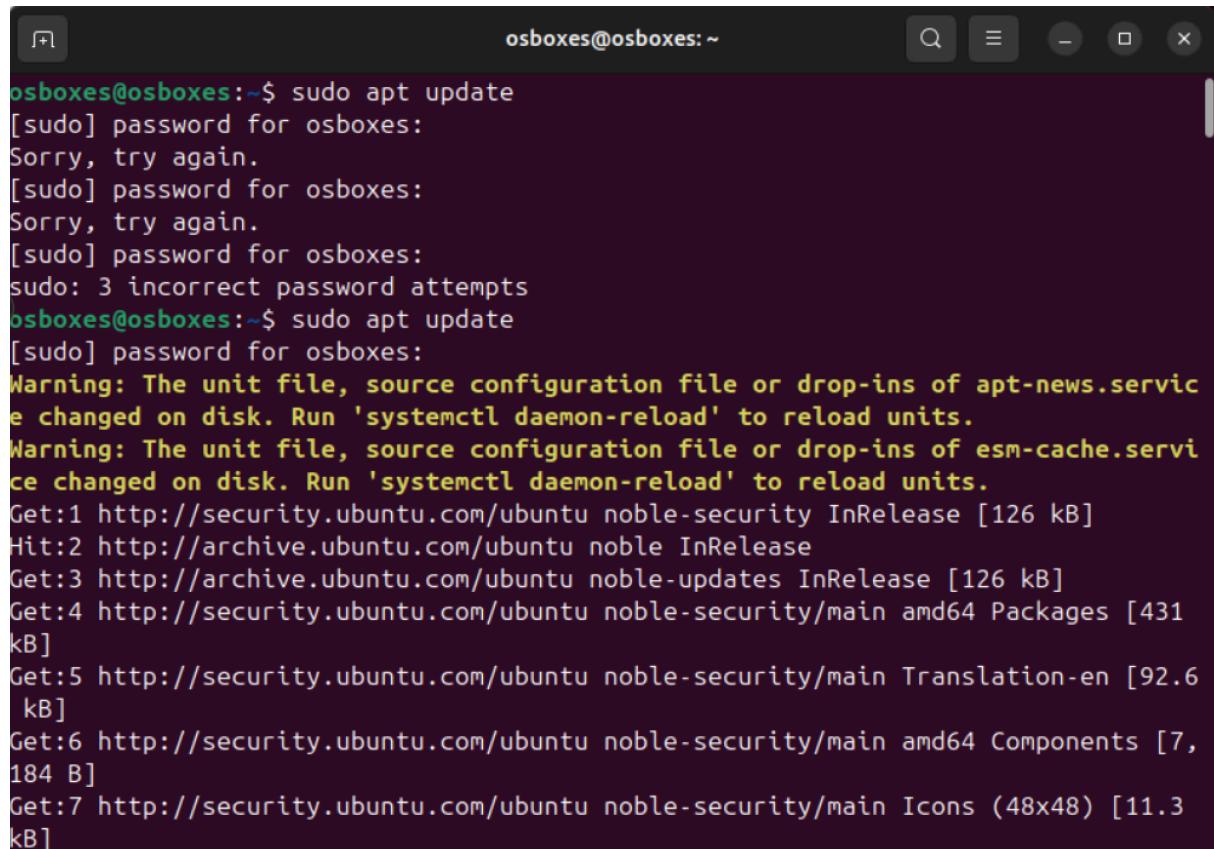


ACCIONES

1.- ACTUALIZAR REPOSITORIOS

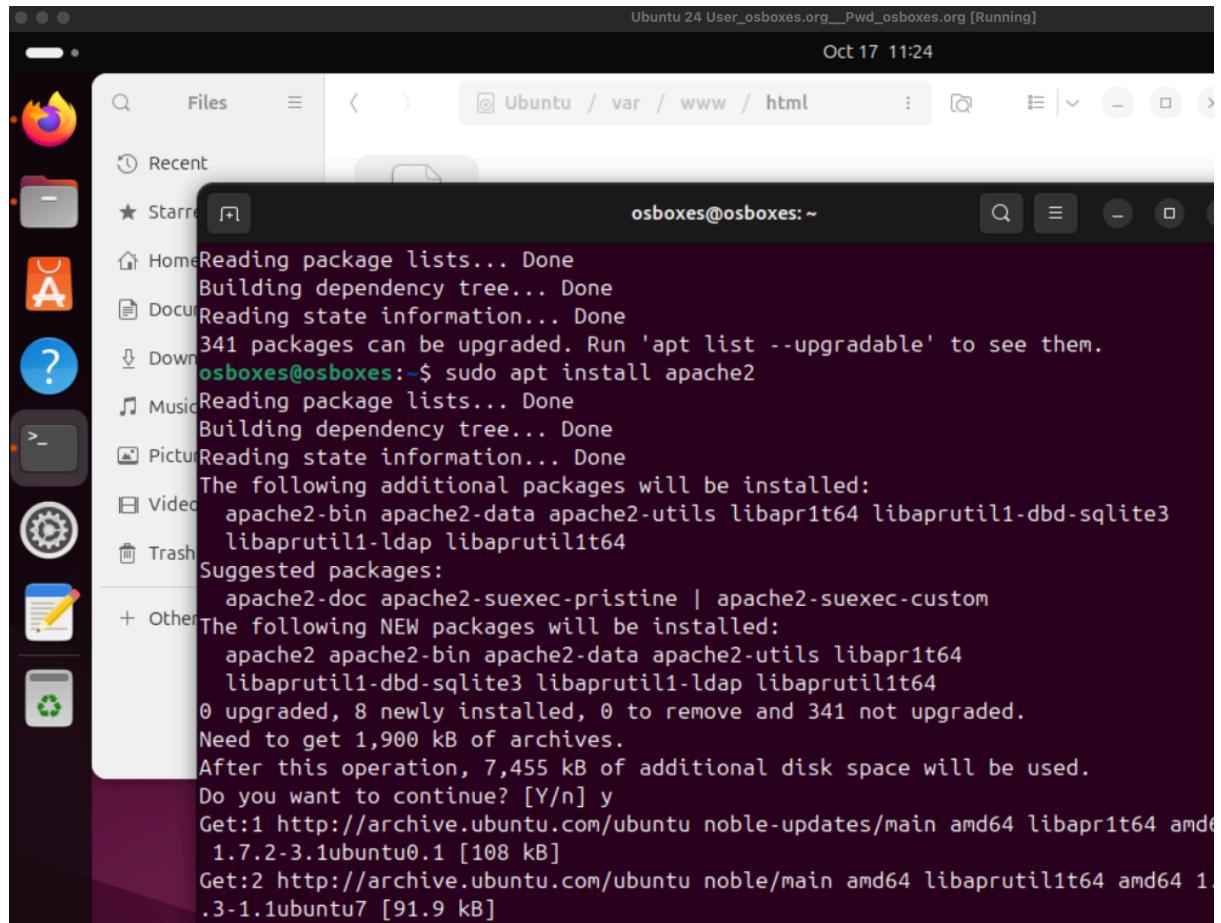
sudo apt update



osboxes@osboxes:~\$ sudo apt update
[sudo] password for osboxes:
Sorry, try again.
[sudo] password for osboxes:
Sorry, try again.
[sudo] password for osboxes:
sudo: 3 incorrect password attempts
osboxes@osboxes:~\$ sudo apt update
[sudo] password for osboxes:
Warning: The unit file, source configuration file or drop-ins of apt-news.service changed on disk. Run 'systemctl daemon-reload' to reload units.
Warning: The unit file, source configuration file or drop-ins of esm-cache.service changed on disk. Run 'systemctl daemon-reload' to reload units.
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [431 kB]
Get:5 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [92.6 kB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [7,184 B]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main Icons (48x48) [11.3 kB]

2.- INSTALAR APACHE

sudo apt install apache2



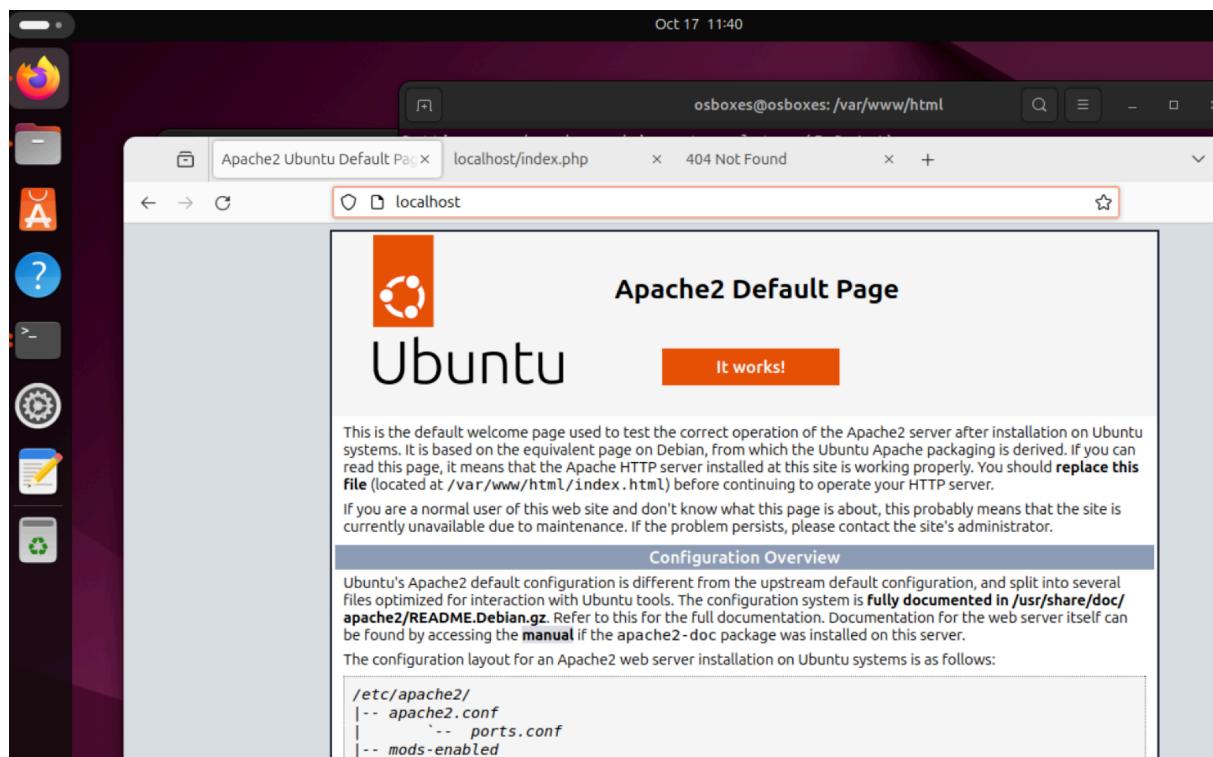
Ubuntu 24 User_osboxes.org_Pwd_osboxes.org [Running]
Oct 17 11:24

osboxes@osboxes:~

```
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
341 packages can be upgraded. Run 'apt list --upgradable' to see them.
osboxes@osboxes:~$ 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 libapr1t64 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libaprutil1t64
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64
0 upgraded, 8 newly installed, 0 to remove and 341 not upgraded.
Need to get 1,900 kB of archives.
After this operation, 7,455 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libapr1t64 amd64 1.7.2-3.1ubuntu0.1 [108 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1t64 amd64 1.3-1.1ubuntu7 [91.9 kB]
```

3.- COMPROBAR que apache esta arrancado correctamente y accesible:

Abrir un navegador y buscar la URL localhost

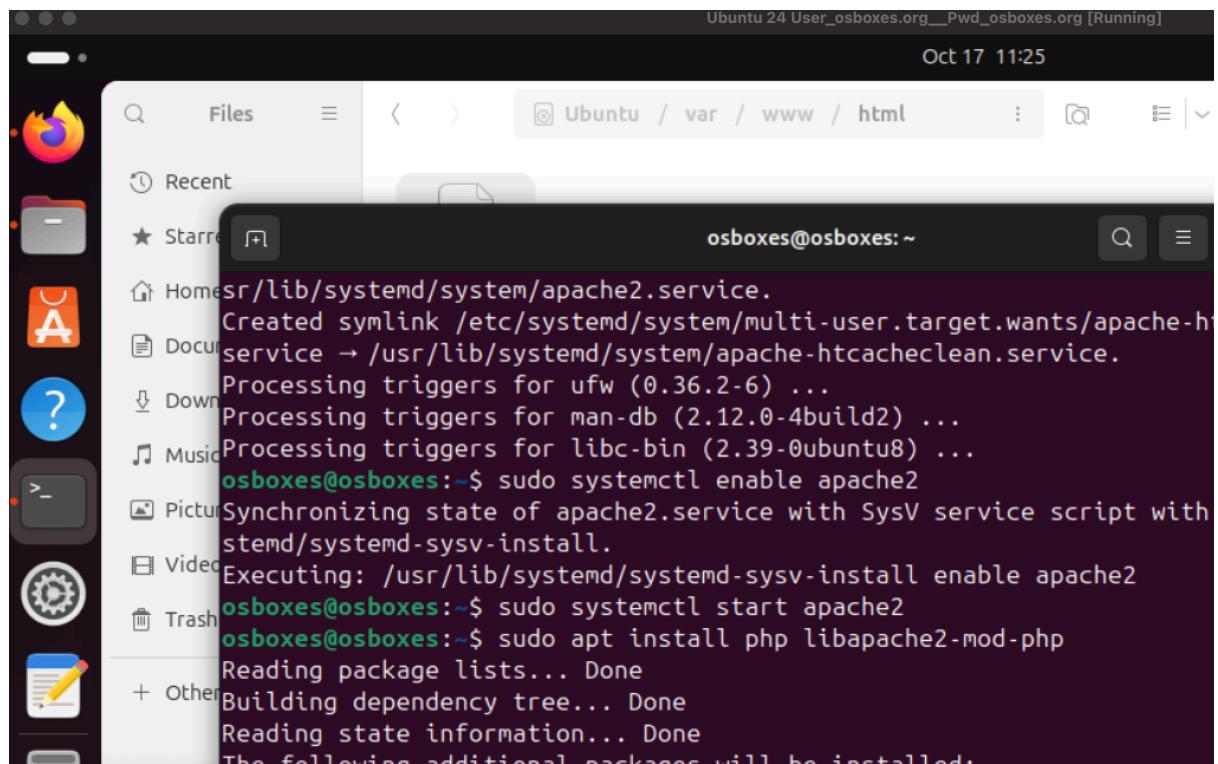


4.- ARRANCAR APACHE

```
sudo systemctl start apache2  
sudo systemctl enable apache2
```

5.- INSTALAR PHP

```
sudo apt install php libapache2-mod-php
```

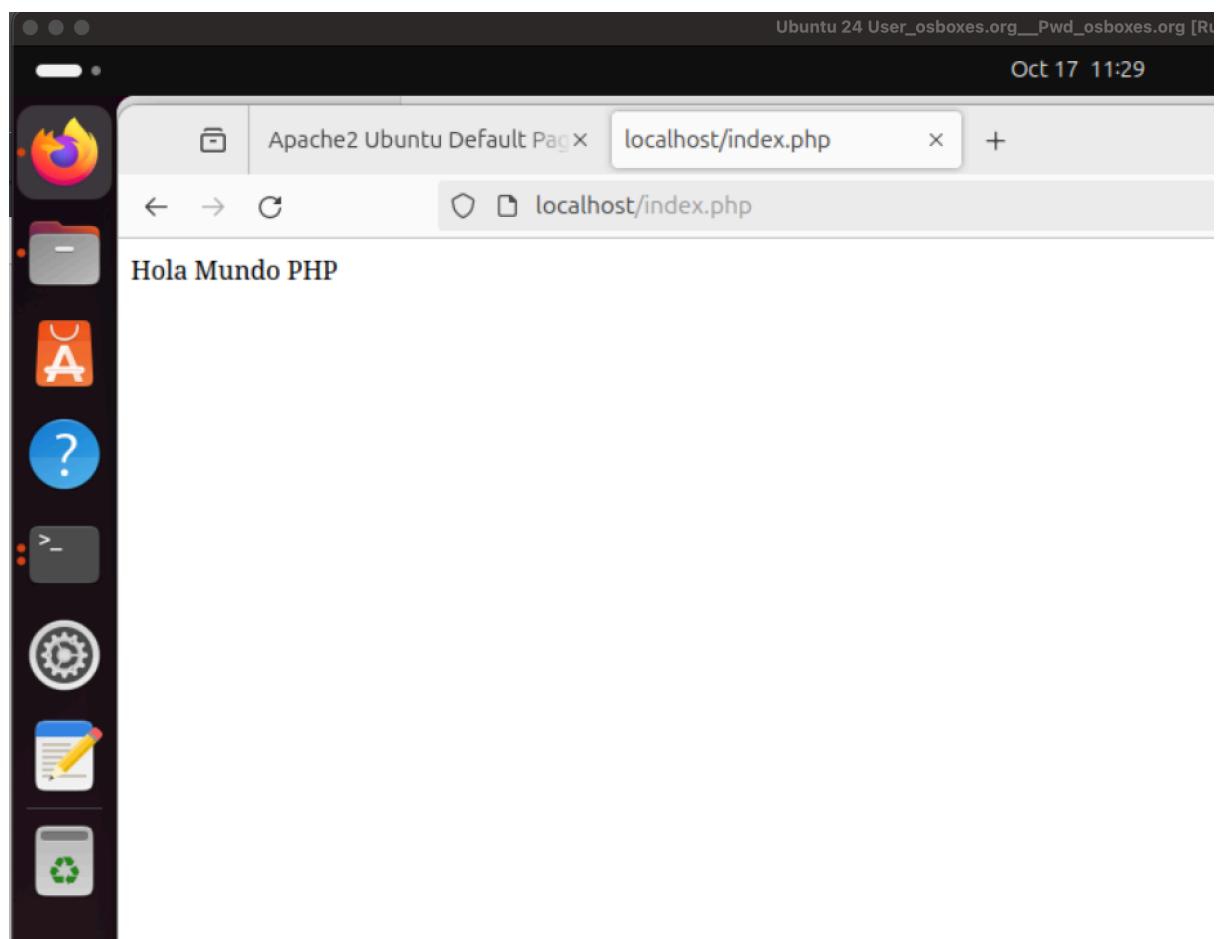


The screenshot shows a Linux desktop environment with a terminal window open. The terminal window title is "osboxes@osboxes: ~". The command history in the terminal shows the following steps:

```
ls  
ls /lib/systemd/system/apache2.service.  
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /lib/systemd/system/apache-htcacheclean.service.  
Processing triggers for ufw (0.36.2-6) ...  
Processing triggers for man-db (2.12.0-4build2) ...  
Processing triggers for libc-bin (2.39-0ubuntu8) ...  
osboxes@osboxes:~$ sudo systemctl enable apache2  
Synchronizing state of apache2.service with SysV service script with  
systemctl/systemd-sysv-install.  
Executing: /usr/lib/systemd/systemd-sysv-install enable apache2  
osboxes@osboxes:~$ sudo systemctl start apache2  
osboxes@osboxes:~$ sudo apt install php libapache2-mod-php  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:
```

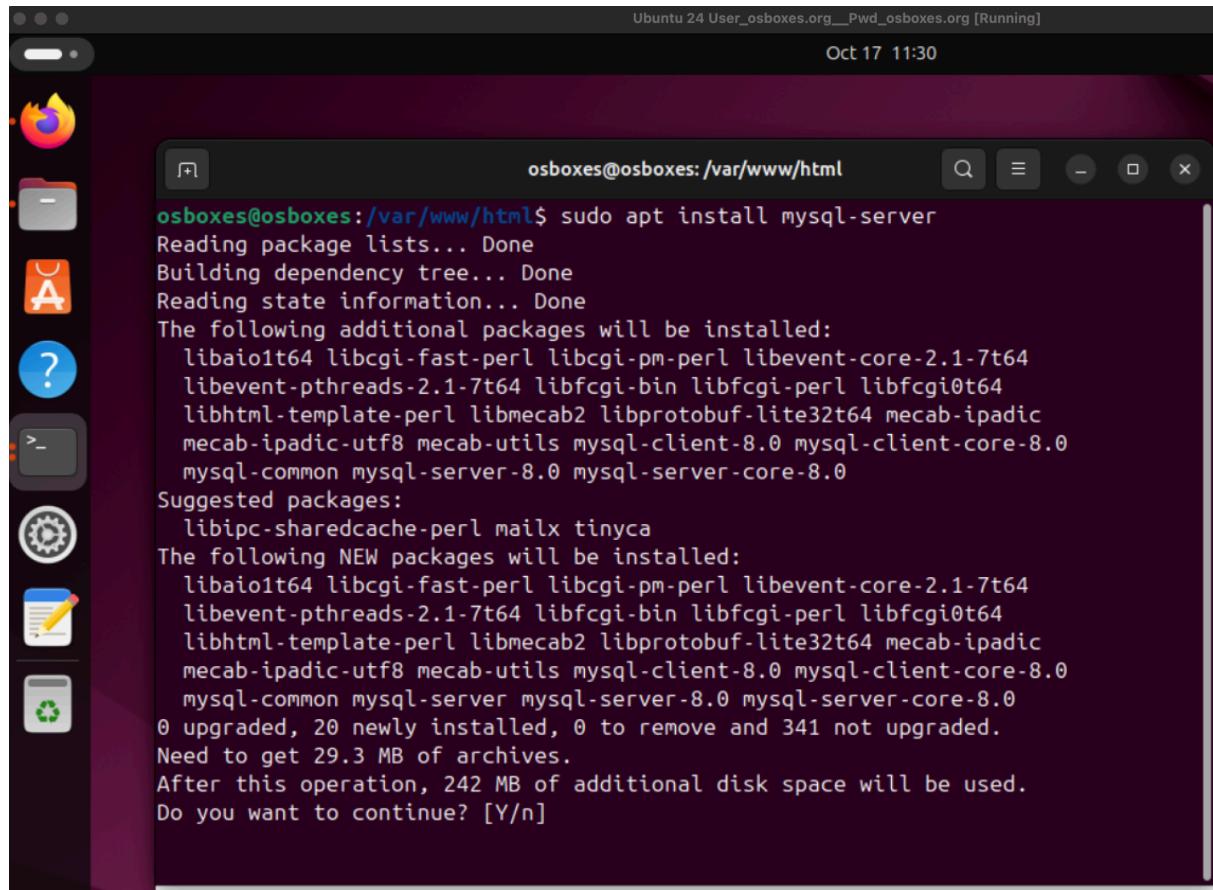
6.- COMPROBAR que PHP esta instalado correctamente y funcionando

Ir a un navegador y escribir la URL localhost/index.php



7.- INSTALAR MYSQL

```
sudo apt install mysql-server
```

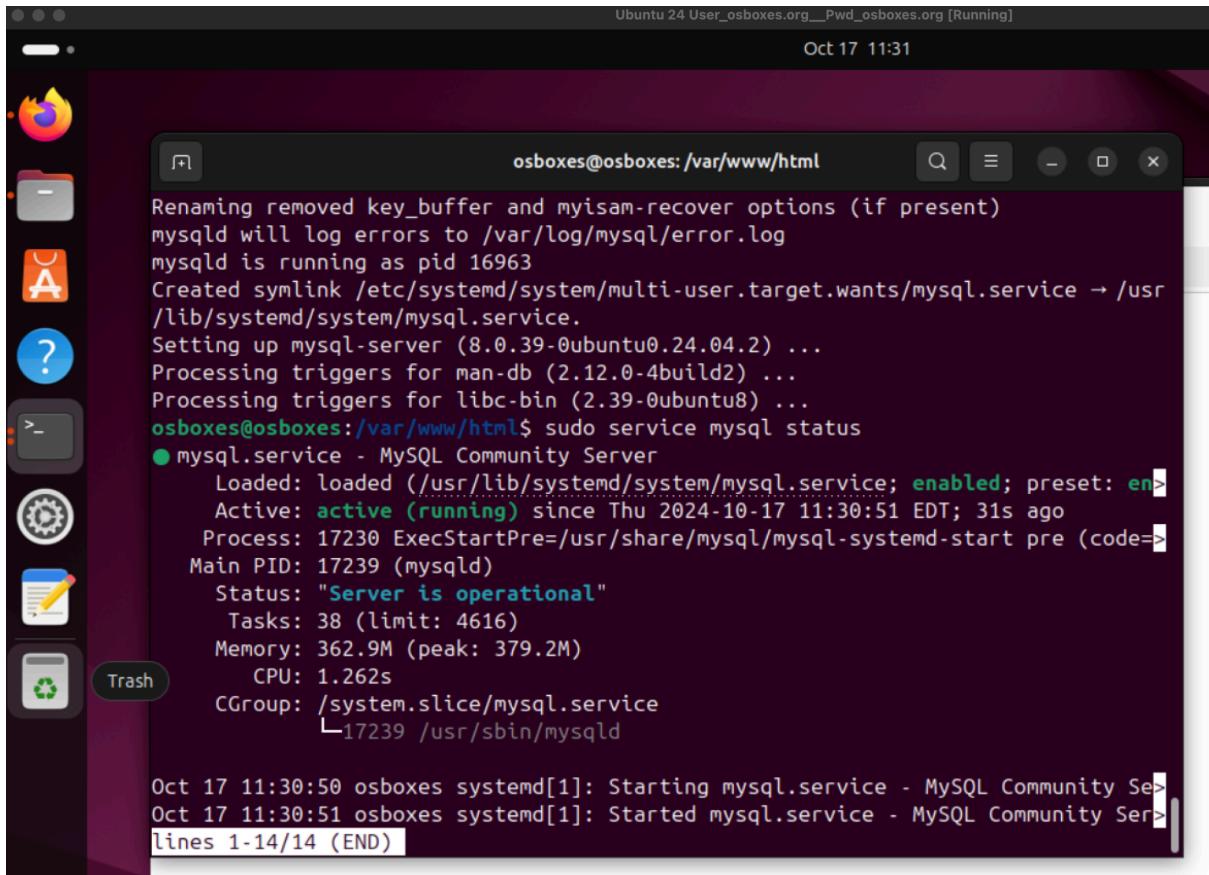


```
Ubuntu 24.04 LTS User_osboxes.org_Pwd_osboxes.org [Running]
Oct 17 11:30

osboxes@osboxes:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libaio1t64 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7t64
  libevent-pthreads-2.1-7t64 libfcgi-bin libfcgi-perl libfcgi0t64
  libhtml-template-perl libmecab2 libprotobuf-lite32t64 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:
  libipc-sharedcache-perl mailx tinyca
The following NEW packages will be installed:
  libaio1t64 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7t64
  libevent-pthreads-2.1-7t64 libfcgi-bin libfcgi-perl libfcgi0t64
  libhtml-template-perl libmecab2 libprotobuf-lite32t64 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, 20 newly installed, 0 to remove and 341 not upgraded.
Need to get 29.3 MB of archives.
After this operation, 242 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

8.- CONSULTAR INFORMACION DEL SERVICIO MYSQL

sudo service mysql status



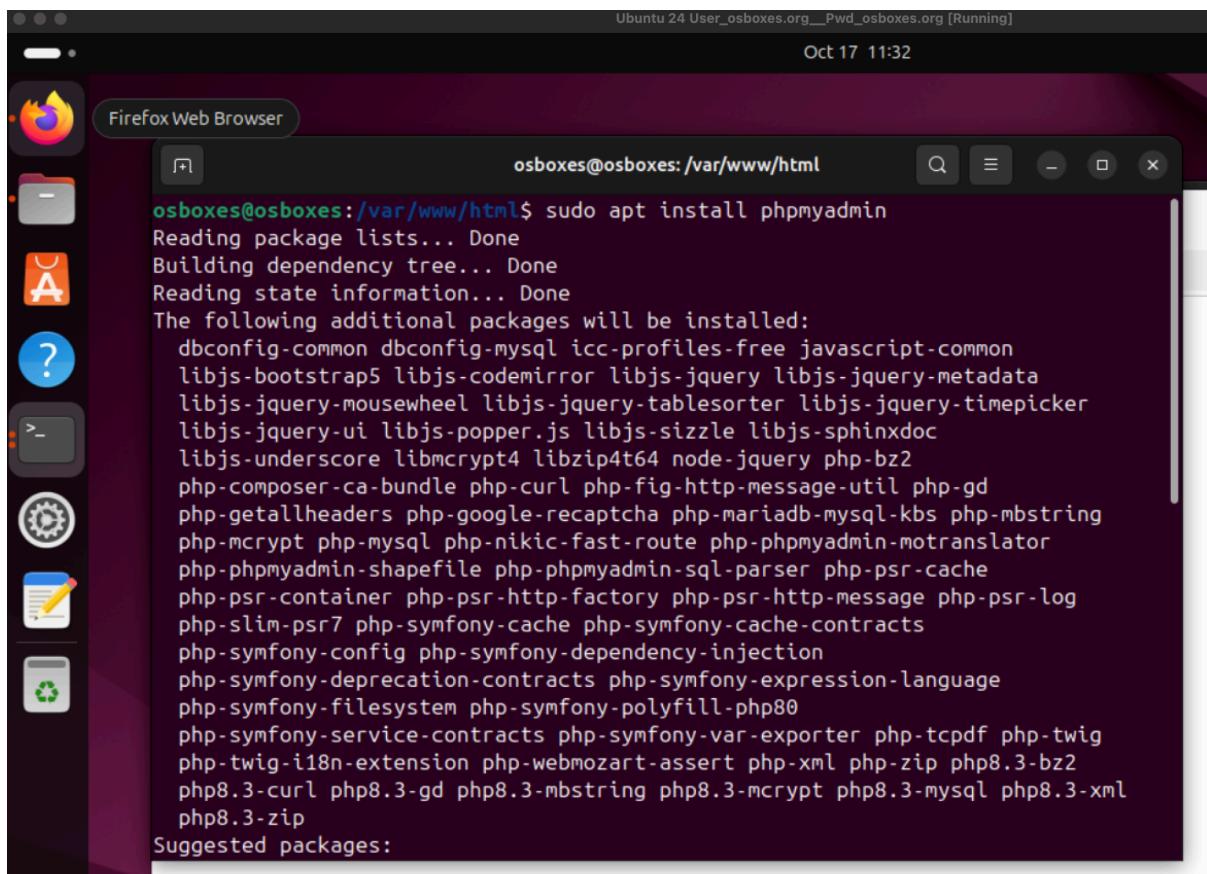
Ubuntu 24 User_osboxes.org_Pwd_osboxes.org [Running]
Oct 17 11:31

```
osboxes@osboxes:/var/www/html
Renaming removed key_buffer and myisam-recover options (if present)
mysqld will log errors to /var/log/mysql/error.log
mysqld is running as pid 16963
Created symlink /etc/systemd/system/multi-user.target.wants/mysql.service → /usr
/lib/systemd/system/mysql.service.
Setting up mysql-server (8.0.39-0ubuntu0.24.04.2) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8) ...
osboxes@osboxes:/var/www/html$ sudo service mysql status
● mysql.service - MySQL Community Server
  Loaded: loaded (/usr/lib/systemd/system/mysql.service; enabled; preset: en
  Active: active (running) since Thu 2024-10-17 11:30:51 EDT; 31s ago
    Process: 17230 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=>
  Main PID: 17239 (mysqld)
    Status: "Server is operational"
      Tasks: 38 (limit: 4616)
     Memory: 362.9M (peak: 379.2M)
        CPU: 1.262s
       CGroup: /system.slice/mysql.service
               └─17239 /usr/sbin/mysqld

Oct 17 11:30:50 osboxes systemd[1]: Starting mysql.service - MySQL Community Se
Oct 17 11:30:51 osboxes systemd[1]: Started mysql.service - MySQL Community Ser
lines 1-14/14 (END)
```

9.- INSTALAR PHPMYADMIN

sudo apt install phpmyadmin



```
osboxes@osboxes: /var/www/html$ sudo apt install phpmyadmin
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  dbconfig-common dbconfig-mysql icc-profiles-free javascript-common
  libjs-bootstrap5 libjs-codemirror libjs-jquery libjs-jquery-metadata
  libjs-jquery-mousewheel libjs-jquery-tablesorter libjs-jquery-timepicker
  libjs-jquery-ui libjs-popper.js libjs-sizzle libjs-sphinxdoc
  libjs-underscore libmcrypt4 libzip4t64 node-jquery php-bz2
  php-composer-ca-bundle php-curl php-fig-http-message-util php-gd
  php-getallheaders php-google-recaptcha php-mariadb-mysql-kbs php-mbstring
  php-mcrypt php-mysql php-nikic-fast-route php-phpmyadmin-motranslator
  php-phpmyadmin-shapefile php-phpmyadmin-sql-parser php-psr-cache
  php-psr-container php-psr-http-factory php-psr-http-message php-psr-log
  php-slim-psr7 php-symfony-cache php-symfony-cache-contracts
  php-symfony-config php-symfony-dependency-injection
  php-symfony-deprecation-contracts php-symfony-expression-language
  php-symfony-filesystem php-symfony-polyfill-php80
  php-symfony-service-contracts php-symfony-var-exporter php-tcpdf php-twig
  php-twig-i18n-extension php-webmozart-assert php-xml php-zip php8.3-bz2
  php8.3-curl php8.3-gd php8.3-mbstring php8.3-mcrypt php8.3-mysql php8.3-xml
  php8.3-zip
Suggested packages:
```

10.- Comprobar que se accede a PHPMYADMIN

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

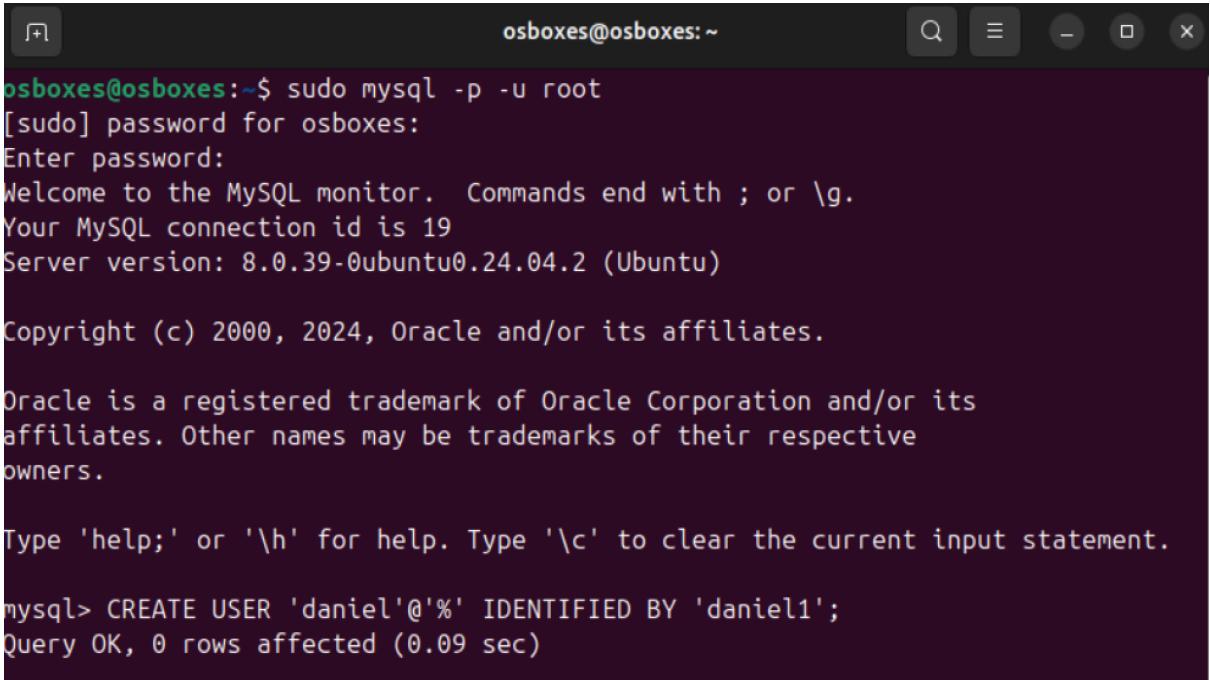
11.- DAR DE ALTA UN USUARIO

- A) Acceder a Mysql en modo terminal

```
sudo mysql -p -u root
```

- B) crear el usuario

```
CREATE USER 'daniel'@'%' IDENTIFIED BY 'daniel1';
```



The screenshot shows a terminal window with the following content:

```
osboxes@osboxes:~$ sudo mysql -p -u root
[sudo] password for osboxes:
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 19
Server version: 8.0.39-0ubuntu0.24.04.2 (Ubuntu)

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

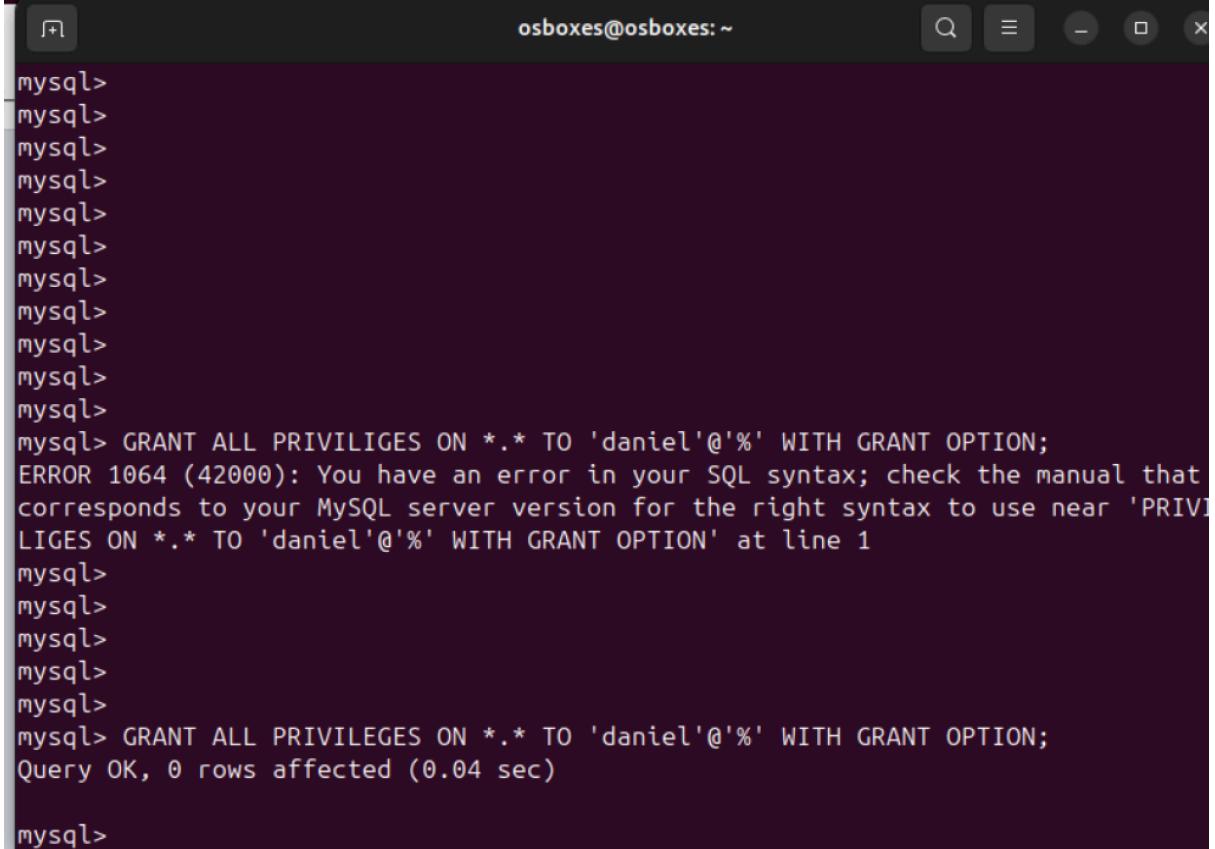
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

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

mysql> CREATE USER 'daniel'@'%' IDENTIFIED BY 'daniel1';
Query OK, 0 rows affected (0.09 sec)
```

C) otorgar permisos al usuario

GRANT ALL PRIVILEGES ON *.* TO 'daniel'@'%' WITH GRANT OPTION;



osboxes@osboxes: ~

```
mysql>
mysql> GRANT ALL PRIVILEGES ON *.* TO 'daniel'@'%' WITH GRANT OPTION;
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 'PRIVI
LIGES ON *.* TO 'daniel'@'%' WITH GRANT OPTION' at line 1
mysql>
mysql>
mysql>
mysql>
mysql> GRANT ALL PRIVILEGES ON *.* TO 'daniel'@'%' WITH GRANT OPTION;
Query OK, 0 rows affected (0.04 sec)

mysql>
```

D) APlicar inmediatamente los cambios, evitando cache

FLUSH PRIVILEGES;

```
osboxes@osboxes:~
```

```
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql> GRANT ALL PRIVILEGES ON *.* TO 'daniel'@'%' WITH GRANT OPTION;
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 'PRIVI
LIGES ON *.* TO 'daniel'@'%' WITH GRANT OPTION' at line 1
mysql>
mysql>
mysql>
mysql>
mysql>
mysql> GRANT ALL PRIVILEGES ON *.* TO 'daniel'@'%' WITH GRANT OPTION;
Query OK, 0 rows affected (0.04 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.04 sec)

mysql>
```

