ASSIGNMENT

Networking & System Administration Lab

[Topic:LAMPP Installation]

Submitted By

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1st Year MCA Batch A

Roll No: 16

Submitted To

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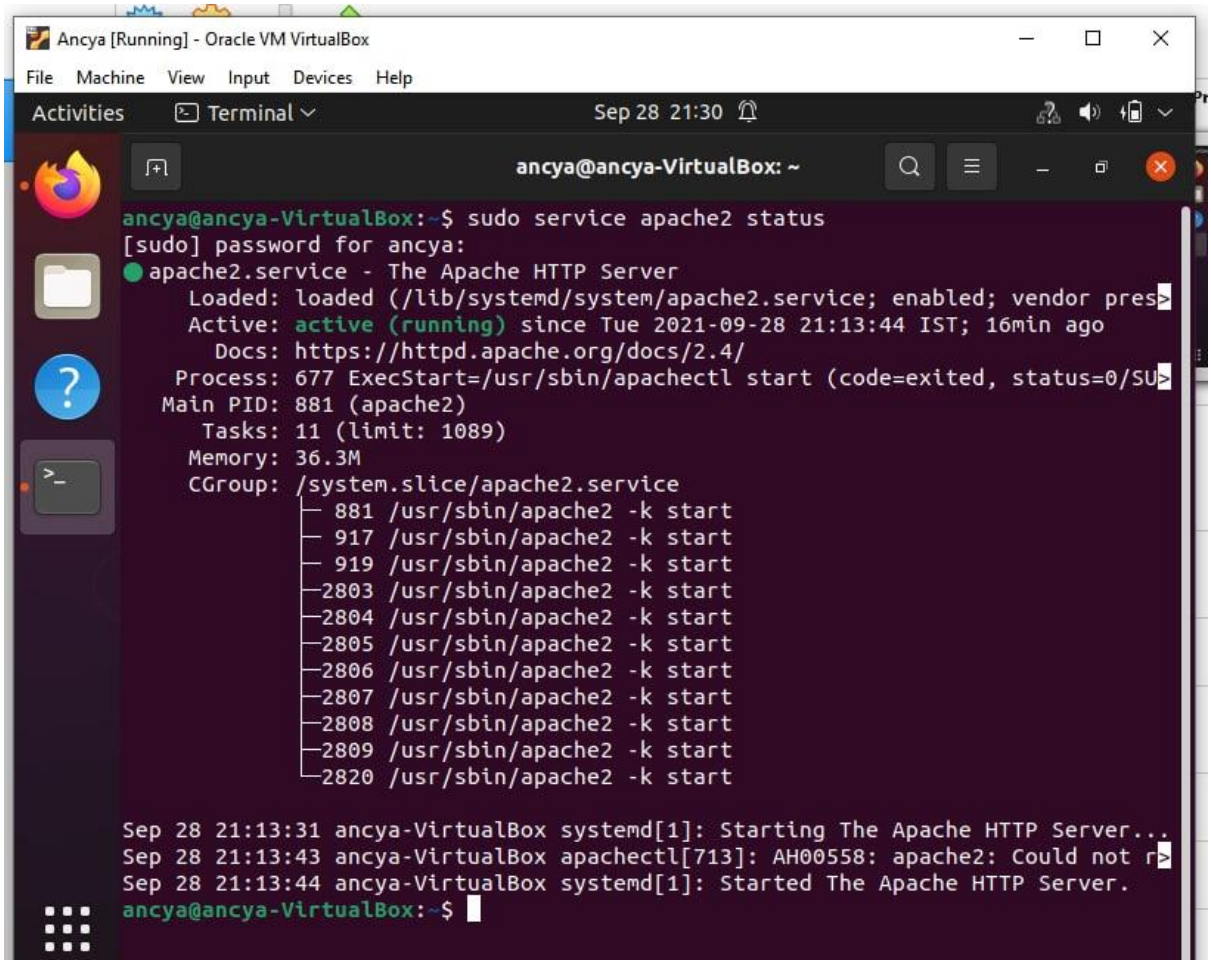
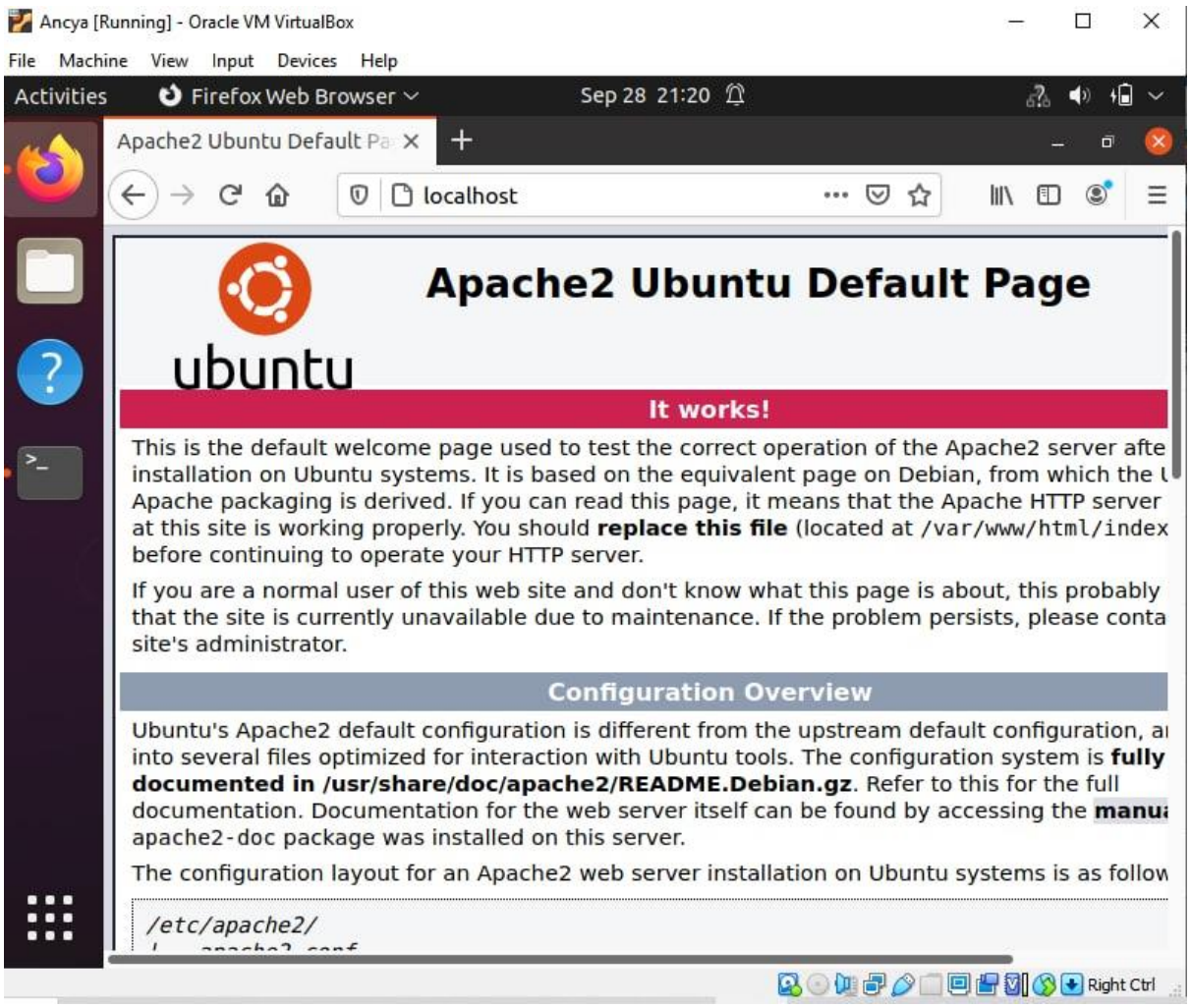
Install Apache

- Update your system sudo apt update
- Install Apache using apt: sudo apt install apache2
- Confirm that Apache is now running with the following command: sudo systemctl status apache2
- if it is not working sudo systemctl start apache2



- Once installed, test by accessing your server's IP in your browser: http://youripaddress
  (find out your ip address using iffconfig)



Install MariaDB

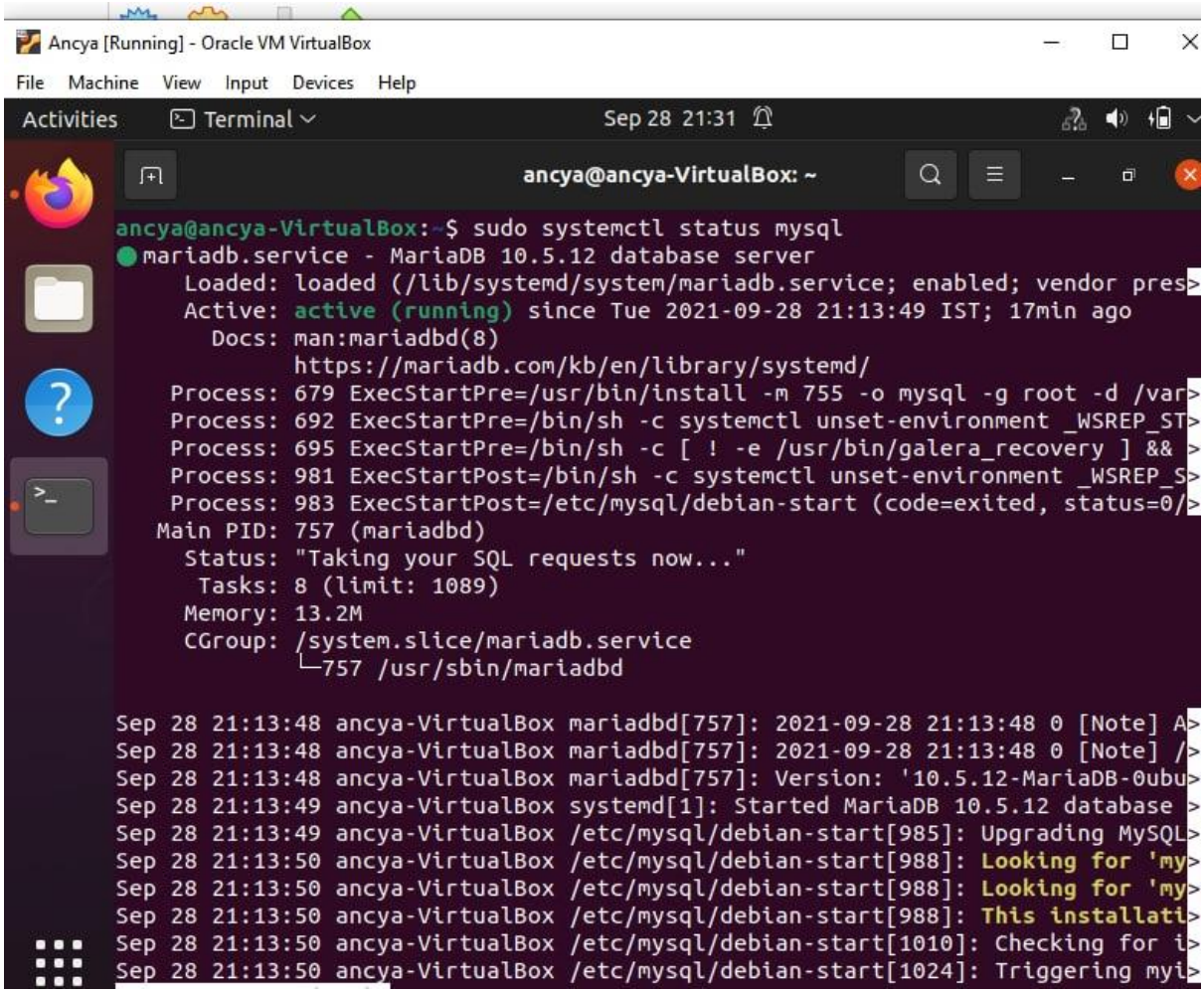
- Install mariaDB

sudo apt install mariadb-server mariadb-client

- Check mariadb Installation

sudo systemctl status mysql

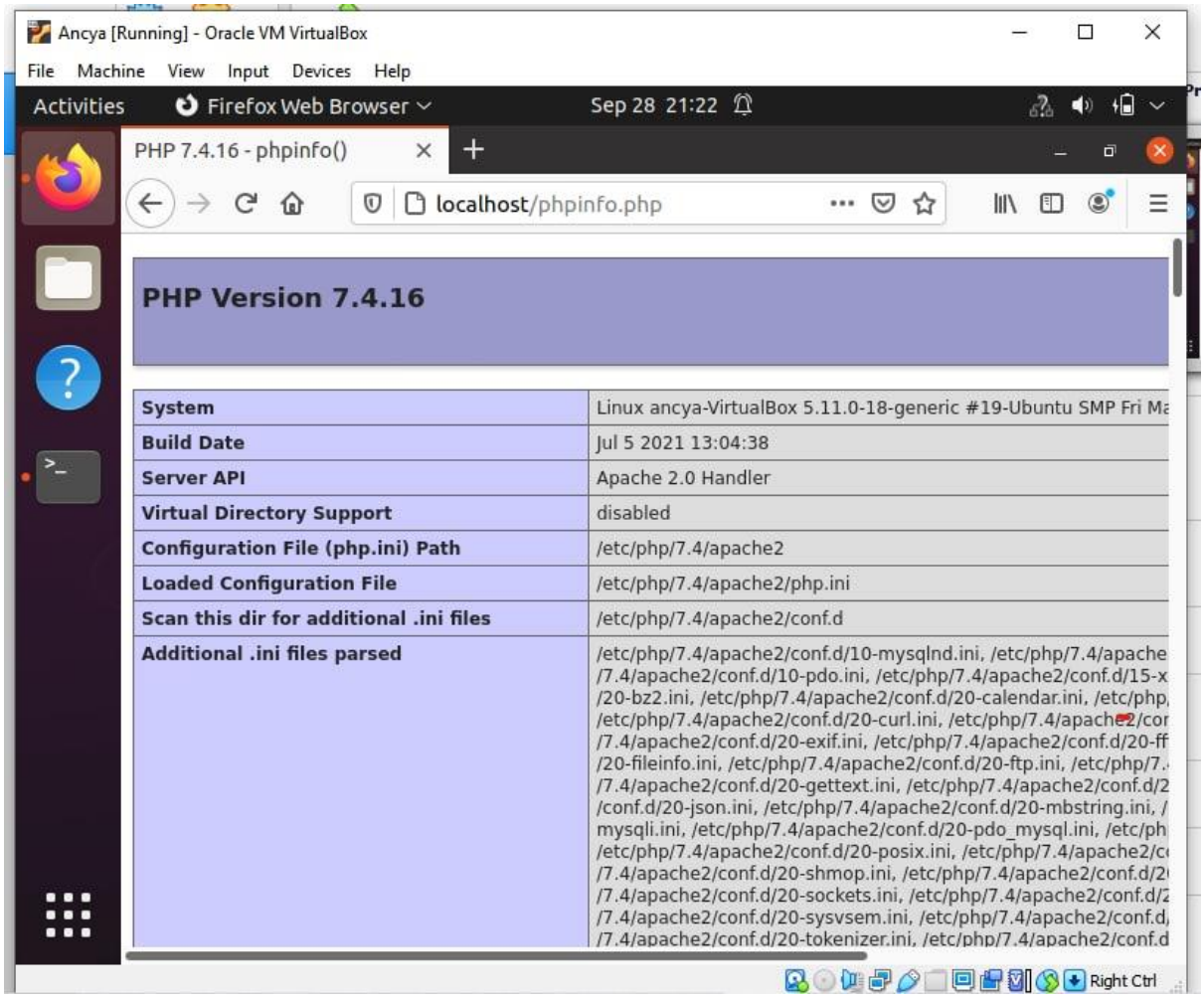
(if it is not working sudo systemctl start mysql)



Install PHP and commonly used modules

- sudo apt install php libapache2-mod-php phpopcache php-cli php-gd php-curl php-mysql
- Restart apache2
  - sudo systemctl restart apache2
- Now you can check php installation
  - sudo echo “” | sudo tee -a /var/www/html/phpinfo.php >
  - /dev/null
- Open a browser
  - http://127.0.0.1/phpinfo.php

```
ancya@ancya-VirtualBox:~$ php -v
PHP 7.4.16 (cli) (built: Jul  5 2021 13:04:38) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
    with Zend OPcache v7.4.16, Copyright (c), by Zend Technologies
ancya@ancya-VirtualBox:~$
```



Install phpmyadmin

sudo apt install phpmyadmin php-mbstring php-zip phpgd php-json php-curl

(It asks for webserver select apache2, select dbconfiguration and set password)

- Restart apache2

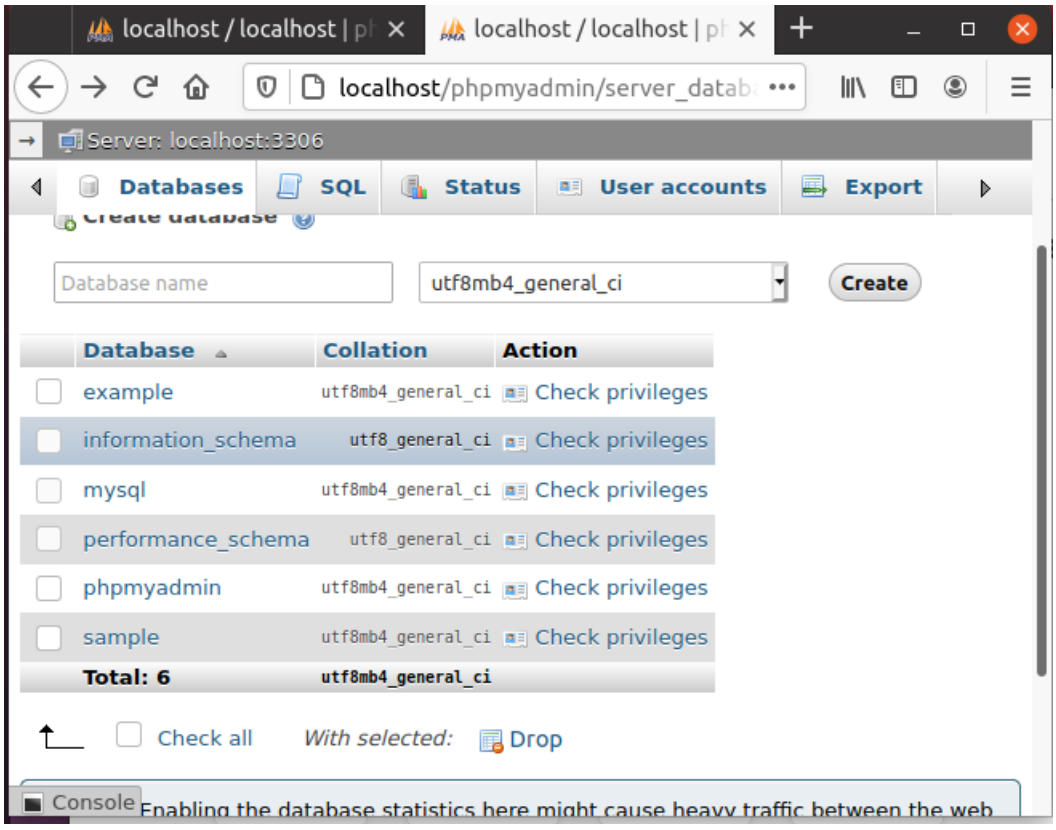
sudo systemctl restart apache2

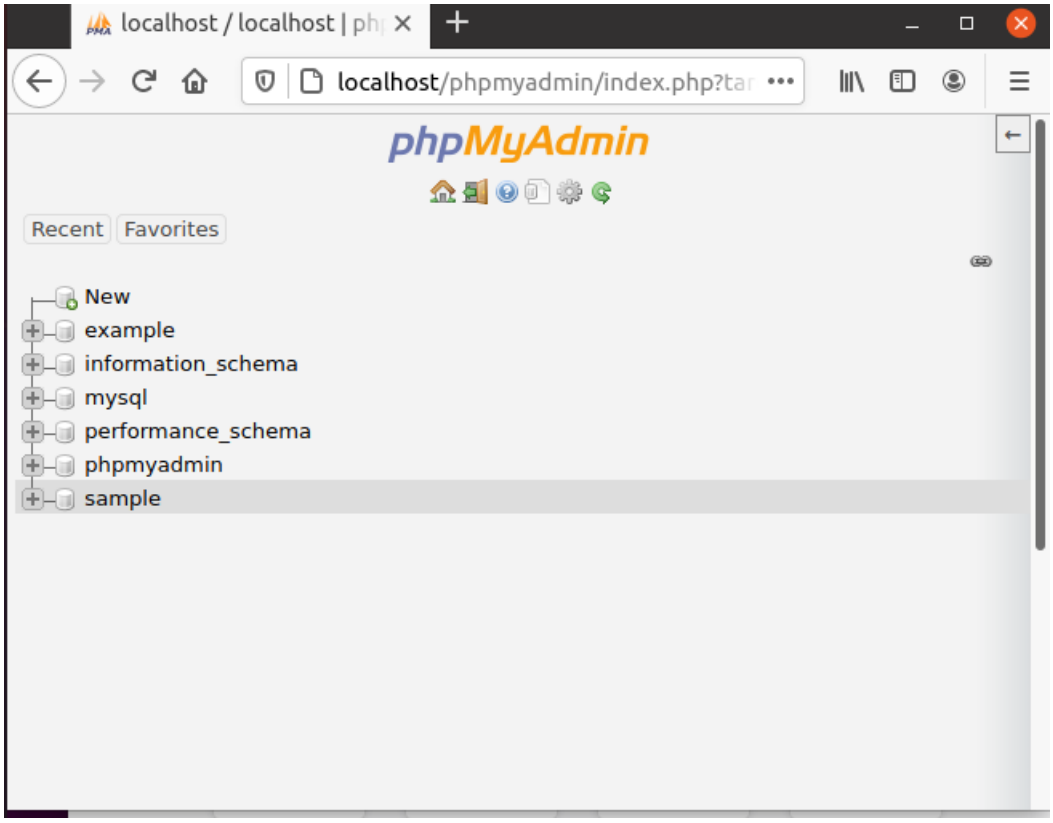
- Check phpmyadmin

Open a browser http://localhost/phpmyadmin

username : root

password : yourpassword






```
MariaDB [(none)]> create database example;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| example            |
| information_schema |
| mysql              |
| performance_schema |
| phpmyadmin         |
| sample             |
+--------------------+
6 rows in set (0.001 sec)

MariaDB [(none)]>
```