ASSIGNMENT

Submitted By,

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S2RMCA Batch A

Roll No:29

[Topic:LAMPP Installation]

Install Apache

- Update your system

  sudo apt update

- Install Apache using apt:

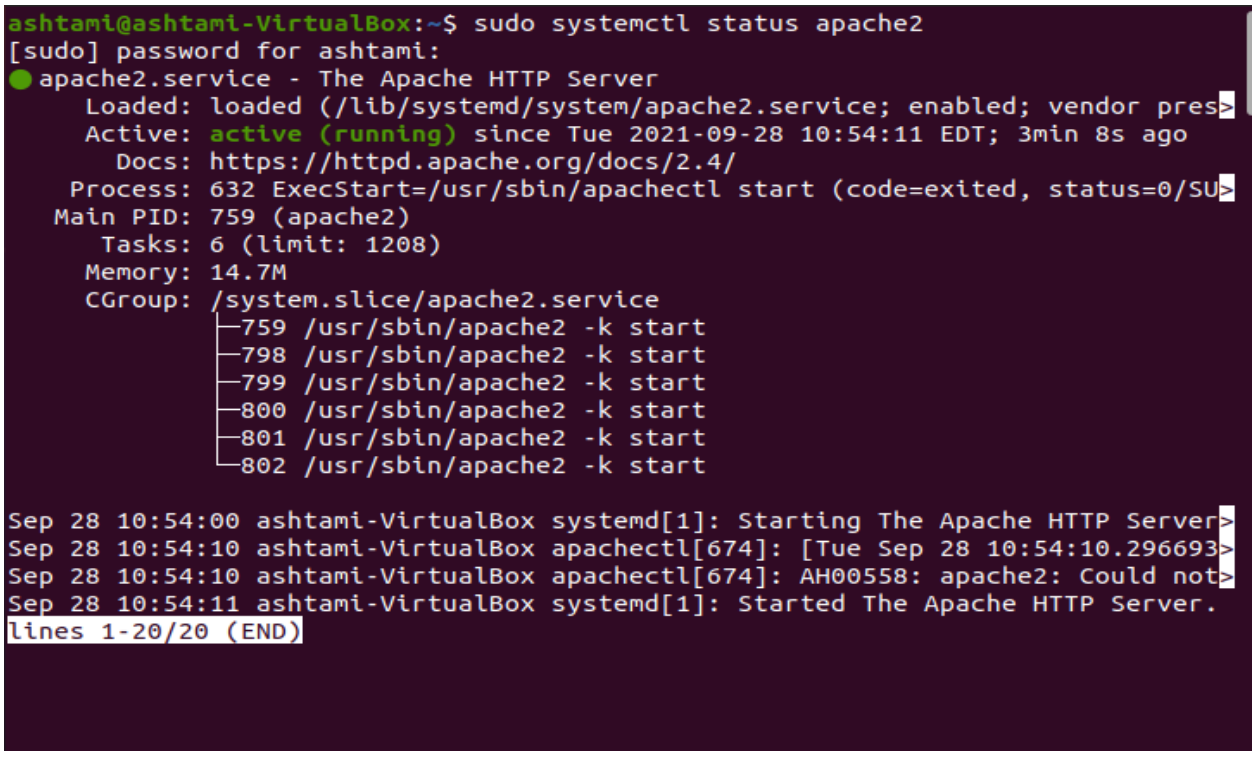
  sudo apt install apache2

- Confirm that Apache is now running with the following command:

  sudo systemctl status apache2

- if it is not working

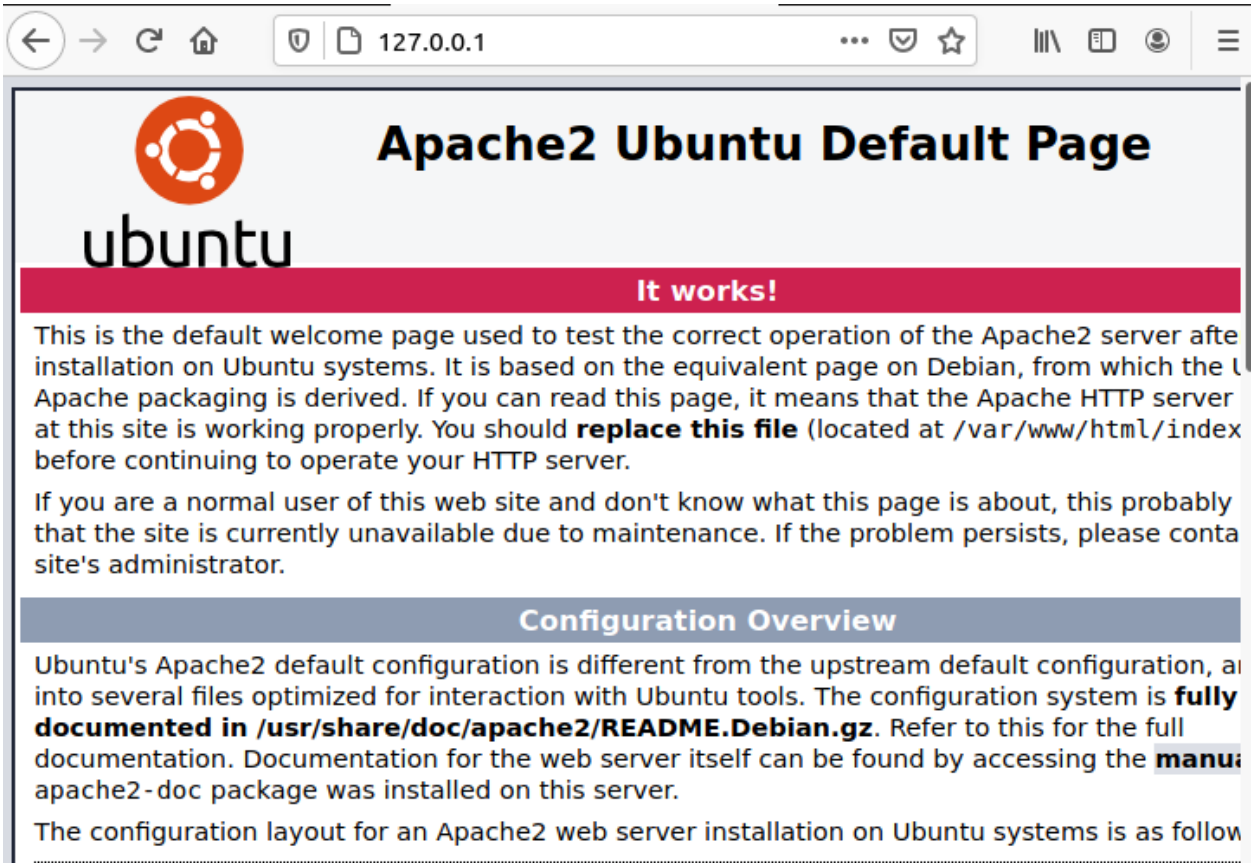
  sudo systemctl start apache2



- Once installed, test by accessing your server's IP in your browser:

    http://youripaddress

    (find out your ip address using iffconfig)



Install MariaDB

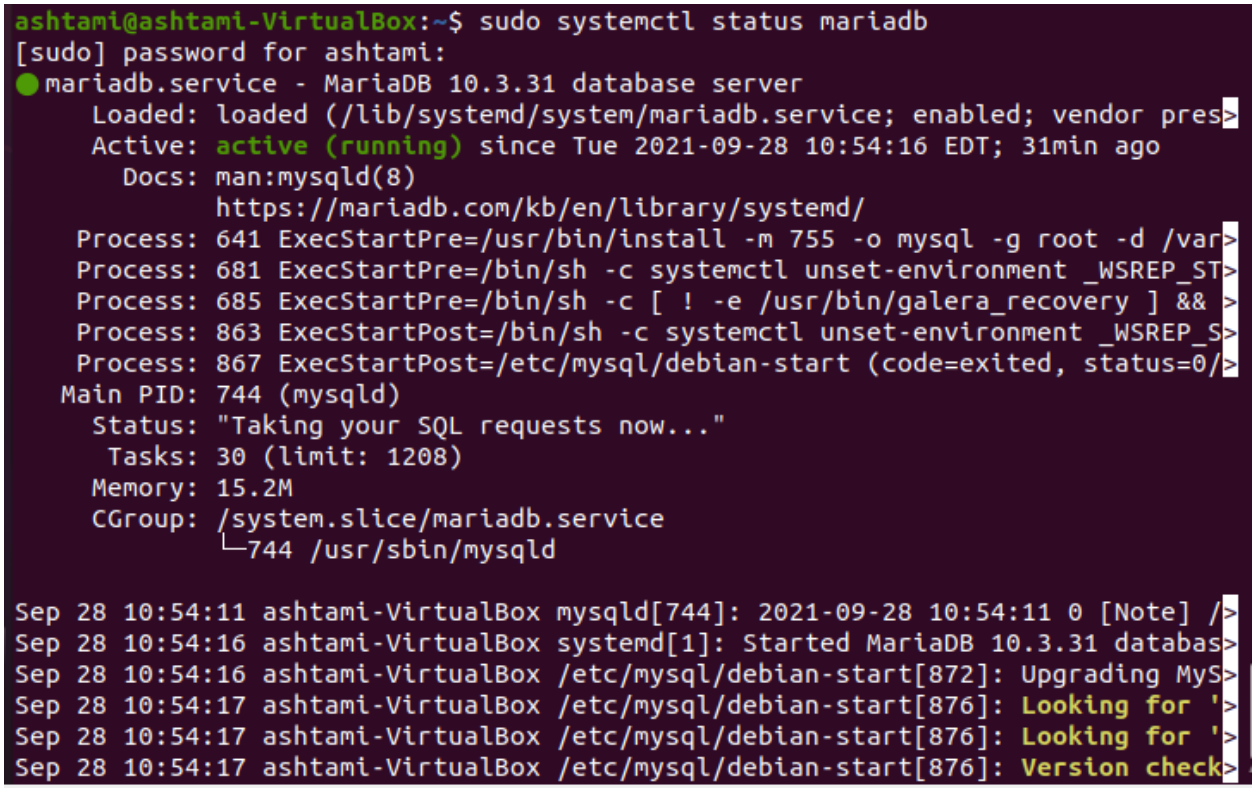
- Install mariaDB

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 php-opcache php-cli php-gd php-curl

php-mysql

- Restart apache2
  - sudo systemctl restart apache2
- Now you can check php installation

- sudo echo “<?php phpinfo(); ?>” | sudo tee -a /var/www/html/phpinfo.php >
- /dev/null

- Open a browser
  - http://127.0.0.1/phpinfo.php

```
ashtami@ashtami-VirtualBox:~$ php -v
PHP 7.4.3 (cli) (built: Jul  5 2021 15:13:35) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
    with Zend OPcache v7.4.3, Copyright (c), by Zend Technologies
```

PHP Version 7.4.3

System	Linux ashtami-VirtualBox 5.8.0-43-generic #49~20.(x86_64
Build Date	Jul 5 2021 15:13:35
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.4/apache2
Loaded Configuration File	/etc/php/7.4/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.4/apache2/conf.d
Additional .ini files parsed	/etc/php/7.4/apache2/conf.d/10-mysqlnd.ini, /etc/php /7.4/apache2/conf.d/10-pdo.ini, /etc/php/7.4/apache2 /20-bz2.ini, /etc/php/7.4/apache2/conf.d/20-calendar /etc/php/7.4/apache2/conf.d/20-curl.ini, /etc/php/7.4 /7.4/apache2/conf.d/20-exif.ini, /etc/php/7.4/apache2 /20-fileinfo.ini, /etc/php/7.4/apache2/conf.d/20-ftp.in /7.4/apache2/conf.d/20-gettext.ini, /etc/php/7.4/apac /conf.d/20-json.ini, /etc/php/7.4/apache2/conf.d/20-m mysqli.ini, /etc/php/7.4/apache2/conf.d/20-pdo_mysc

Install phpmyadmin

sudo apt install phpmyadmin php-mbstring php-zip_php-gd php-json php-curl

(It asks for webserver select apache2, select db-configuration and set

password)

- Restart apache2

sudo systemctl restart apache2

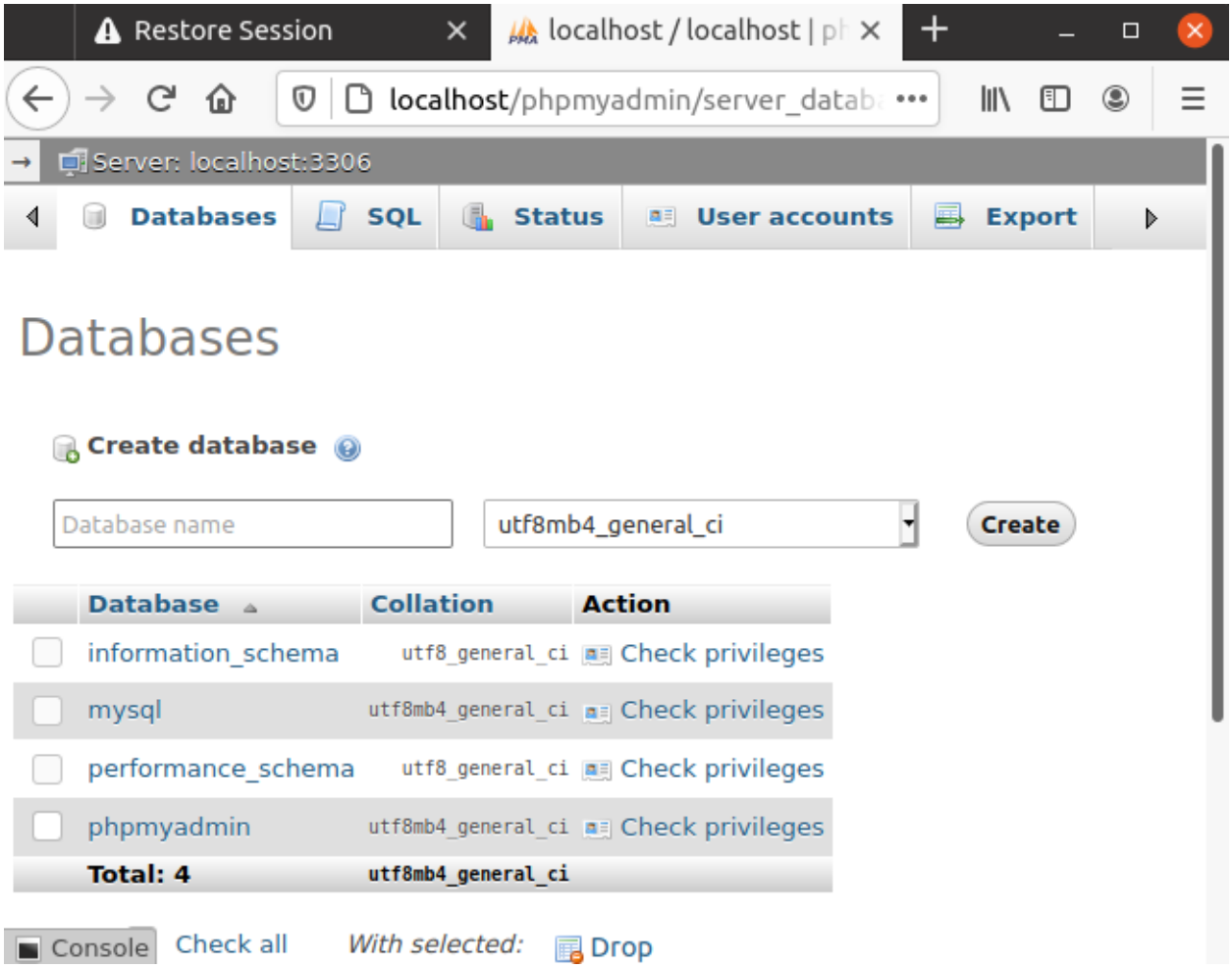
- Check phpmyadmin

Open a browser

http://localhost/phpmyadmin

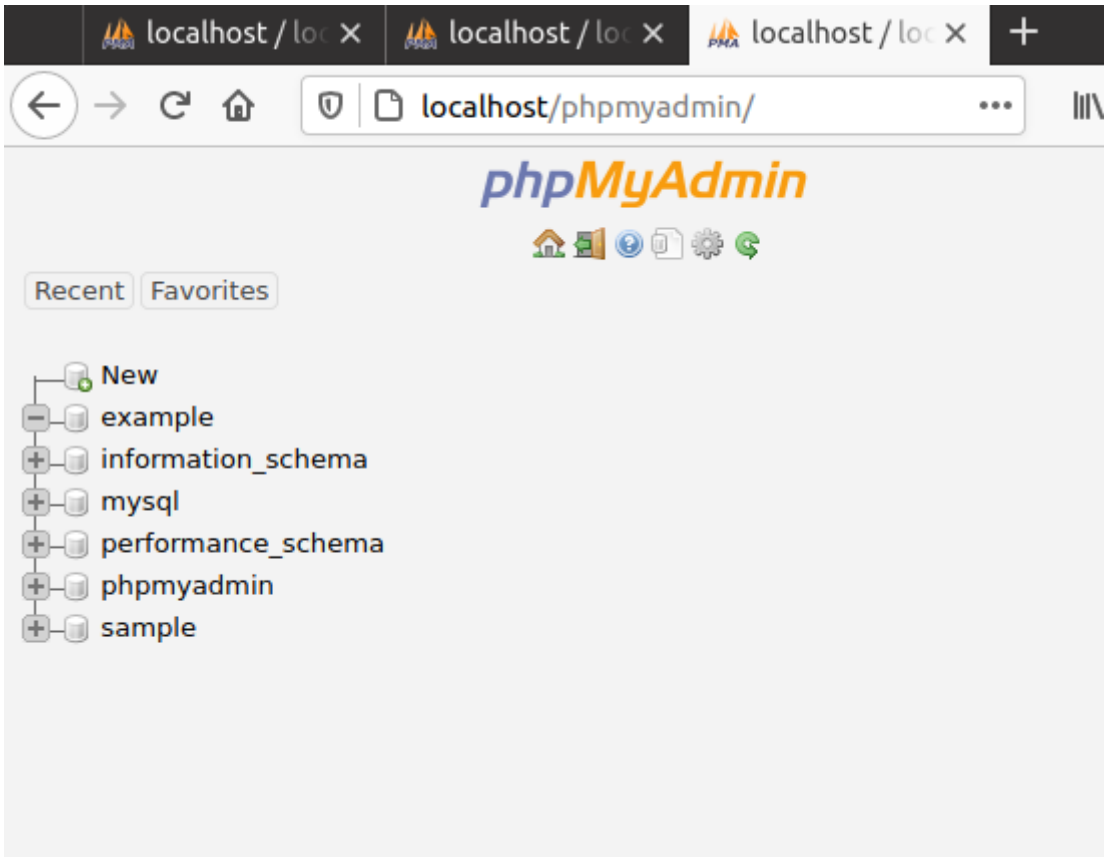
username : root

password : yourpassword




```
ashtami@ashtami-VirtualBox:~$ sudo mysql -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 29
Server version: 10.3.31-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)]>  create database example;
Query OK, 1 row affected (0.001 sec)

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