Networking and System Administration Lab Lab Assignment LAMP Stack installation

Abhishek Scariya M B Roll No: 01 RMCA-A S2 LAMP stands for:

Linux OS

Apache HTTP Server

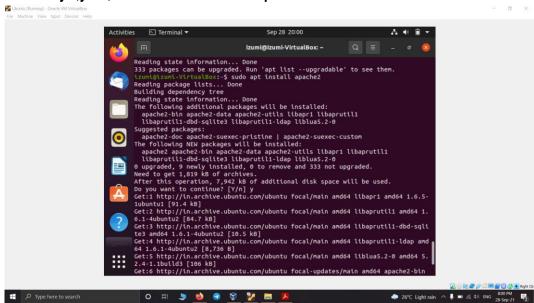
MySQL database management system

PHP programming language

1. Installation of Apache Server.

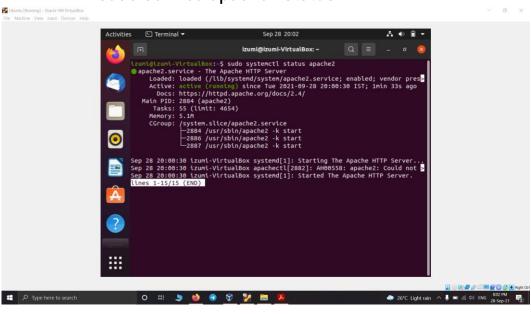
Command:

sudo apt-get install apache2
Press y (yes) and hit ENTER to permit the installation



Check if Apache is installed correctly by running the Apache service status. Use the following the command:

sudo service apache2 status

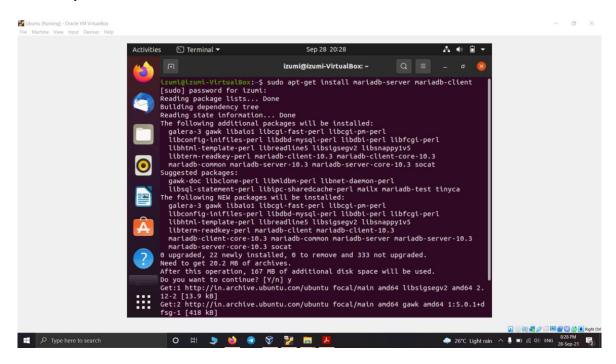


2. Installation of MariaDB

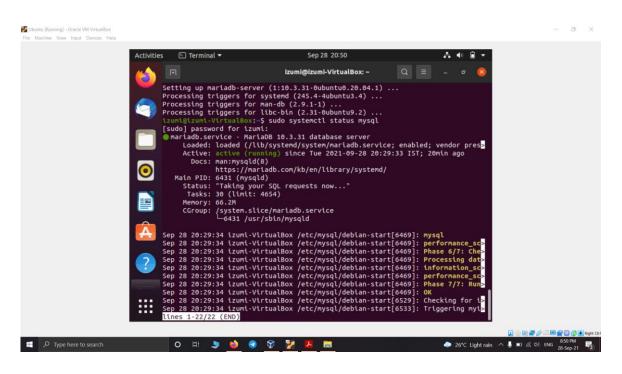
MariaDB is an open source relational database management system (RDBMS)

Command:

sudo apt install mariadb-server mariadb-client



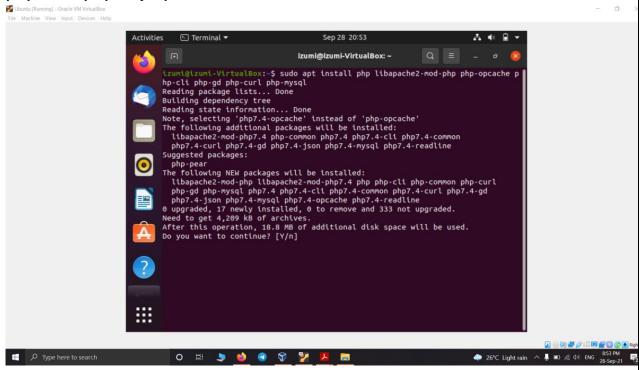
Check MariaDB Installation:sudo systemctl status mysql (if it is not working sudo systemctl start mysql)



3. Install PHP

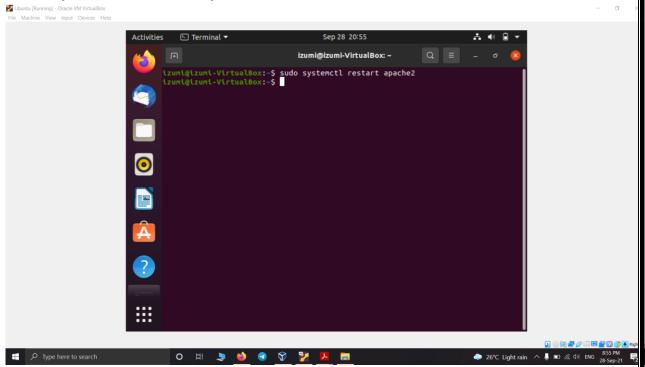
Command:

sudo apt install php libapache2-mod-php php-opcache php-cli php-gd php-curl php-mysql



Restart apache2

sudo systemctl restart apache2



check installation

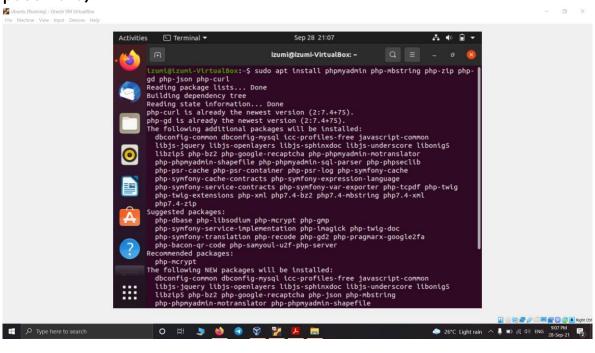
open http://127.0.0.1/phpinfo.php in any browser

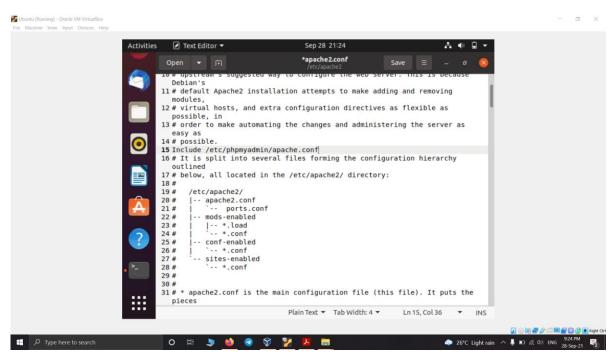
4. Install phpmyadmin

Command:

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

