PRACTICAL 8

Aim: To install MySQL server to configure database server and install phpMyAdmin to operate MySQL on web browser from clients.

Step 1: First step would be to install MySQL server and configure it.

sudo apt-get install mysql-server-5.7

```
### Reading package lists... Done
### Building dependency free... Done
### Building d
```

Step 2: Once the MySQL server installation is done you can connect to it by opening it

mysql -u root p

```
atharva@Atharva:~$ sudo mysql -u root -p
[sudo] password for atharva:
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.34-0ubuntu0.22.04.1 (Ubuntu)

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

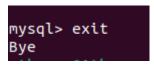
mysql>
```

Step 3: Now we will display the user info and also the ip for our host by using the following command.

select user, host from mysql.user;

SHOW VARIABLES WHERE Variable_name='port';

Exit the mysql prompt using 'exit' command.



Step 4: Now let's install phpMyAdmin so that we can operate MySQL on web browser from clients.

sudo apt-get install phpMyAdmin

```
Reading package lists. Done

Reading package lists. Done

Reading package lists. Done

Reading package lists. Done

Reading state information... Done

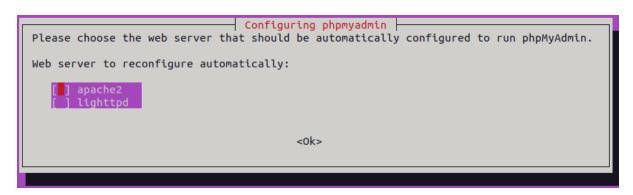
The following additional packages will be installed:

apackaz apackaz-bin apackaz-data apackaz-utils dobconfig-common doconfig-mysql icc-profiles-free javascript-common libapri libaprutili-dbd-sqlite3 libaprutili-ldap libjs-bootstrap4

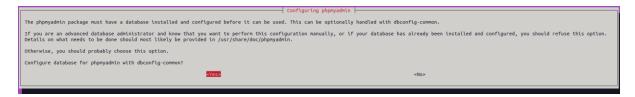
libjs-codentror-libjs-jquery-inousembel libjs-jquery-timepicker libjs-jquery-utili-jbds-jph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-mysql-ph-m
```

During intsallation you'll be asked which web server you want to configure to run phpMyAdmin.

Select "apache2"



After that you'll be asked that if you want dbconfig-common for your phpMyAdmin, select yes and proceed.



Now set the password for phpmyadmin.

Please provide a password for phpmyadmin to register with the dat MySQL application password for phpmyadmin:	phpmyadmin Labase server. If left blank, a random password will be generated.
<0k>	<cancel></cancel>

Step 5: Now we have to edit the apache file and set the required ip for our server.

sudo nano /etc/phpmyadmin/apache.conf

Step 6: Now restart the apache server which can be done using the following command.

sudo /etc/init.d/apache2 restart

```
atharva@Atharva:~$ sudo /etc/init.d/apache2 restart
Restarting apache2 (via systemctl): apache2.service.
```