

Installation MySQL Raspbian Stretch

1. Mise à jour des paquets LINUX :

```
pi@raspberrypi:~$ sudo apt-get update
```

2. Installation du Server Apache :

```
pi@raspberrypi:~$ sudo apt-get install -t stretch apache2
```

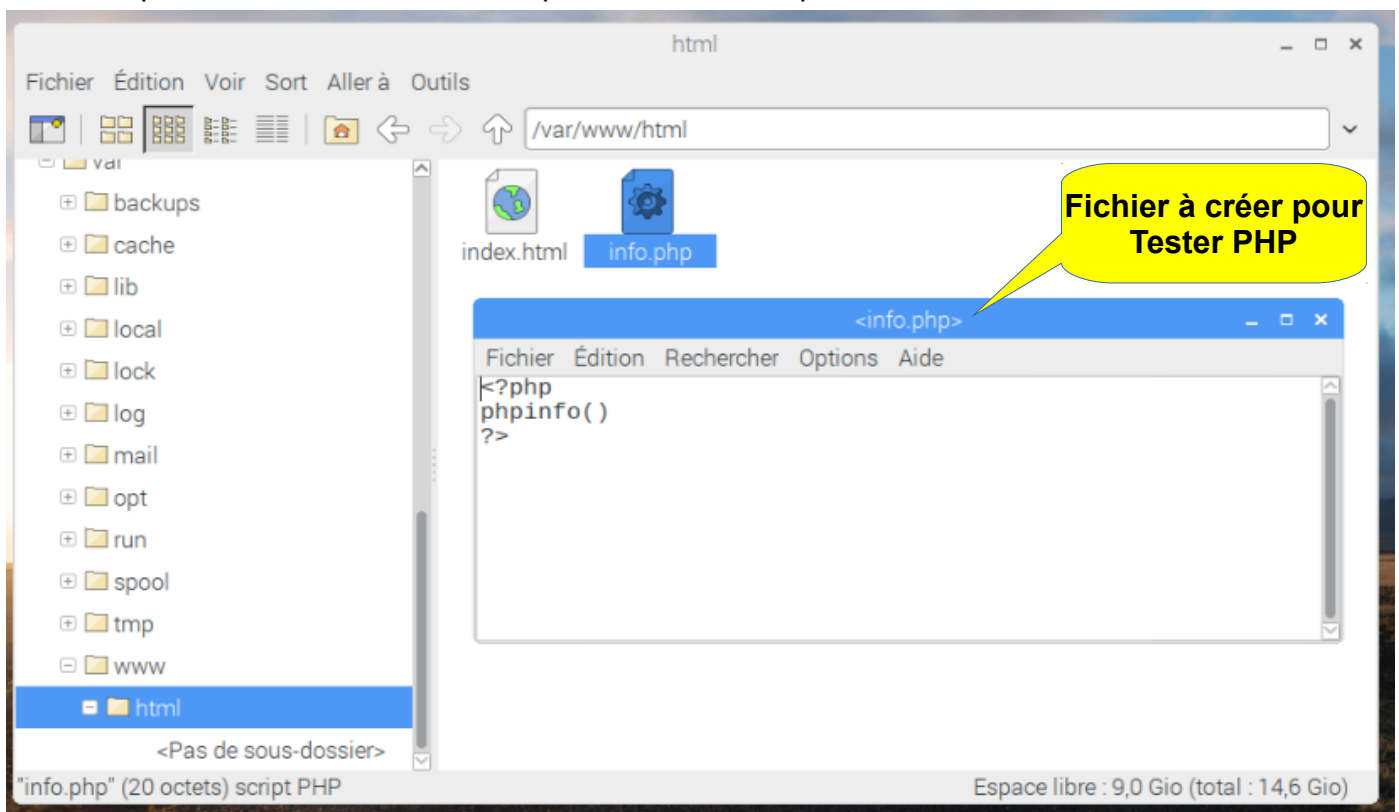
3. Installation de PHP 7.0 :

```
pi@raspberrypi:~$ sudo apt-get install -t stretch php7.0
```

4. Installation du paquet PHP7.0-mysql :

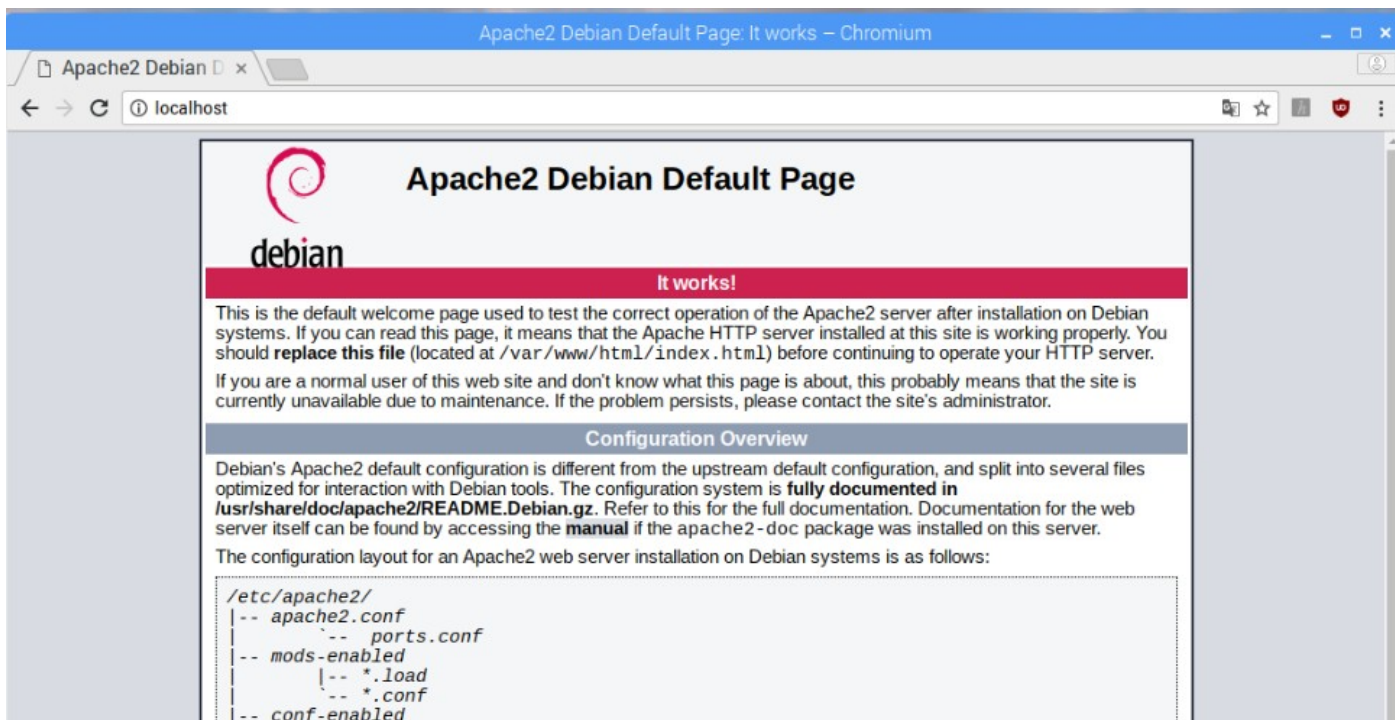
```
pi@raspberrypi:~$ sudo apt-get install -t stretch php7.0-mysql
```

5. On peut vérifier si l'installation Apache2 c'est bien passée,



dans le répertoire **/var/www/html**, on doit trouver le fichier **index.html**

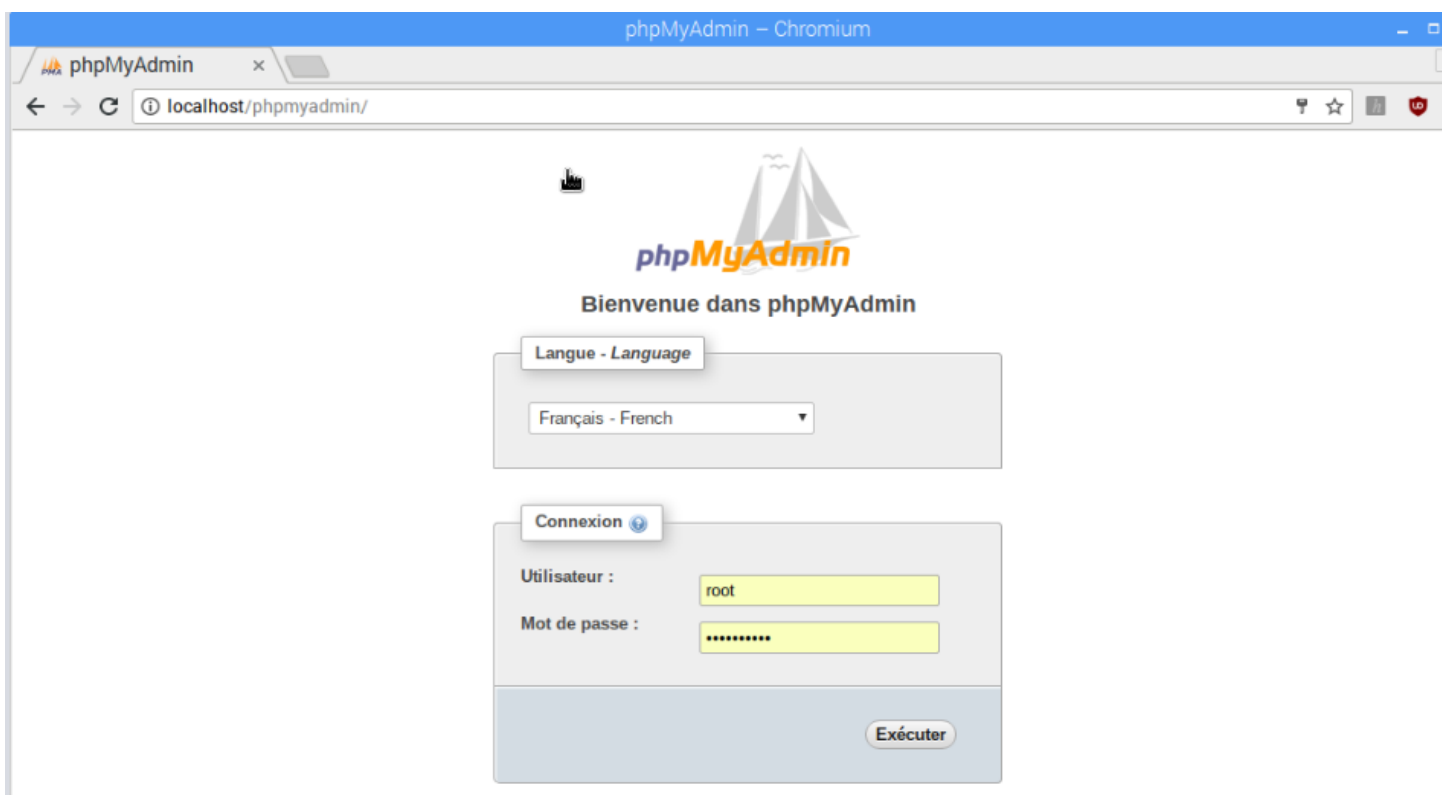
On peut vérifier le bon fonctionnement d'Apache en ouvrant Web Browser et taper **localhost** dans la barre de recherche. (Voir ci dessous) .



6. Pour vérifier l'installation PHP, on crée un fichier **info.php** (voir paragraphe 5)

```
pi@raspberrypi:~$ sudo nano /var/www/html/info.php
```

puis on tape dans le Web Browser : **localhost/phpmyadmin/**



7. on **reboot** puis on installe MySQL server :

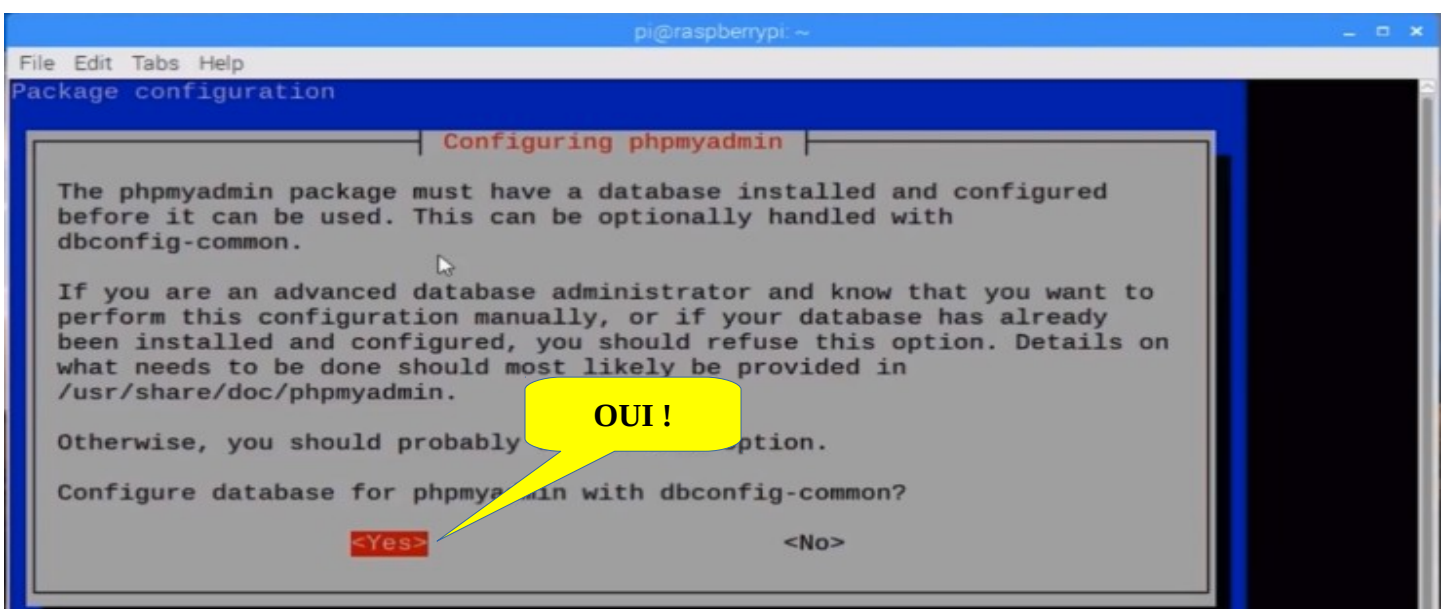
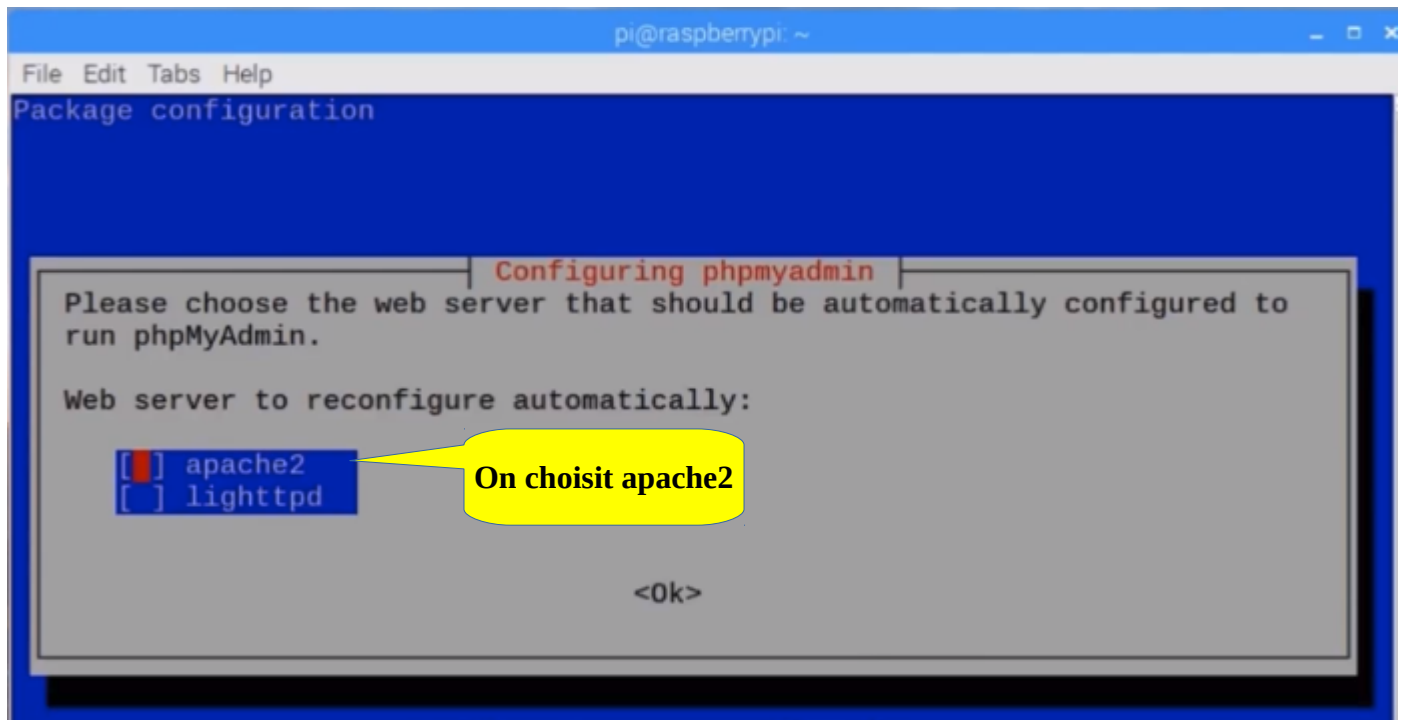
```
pi@raspberrypi:~$ sudo apt-get install -t stretch mysql-server
```

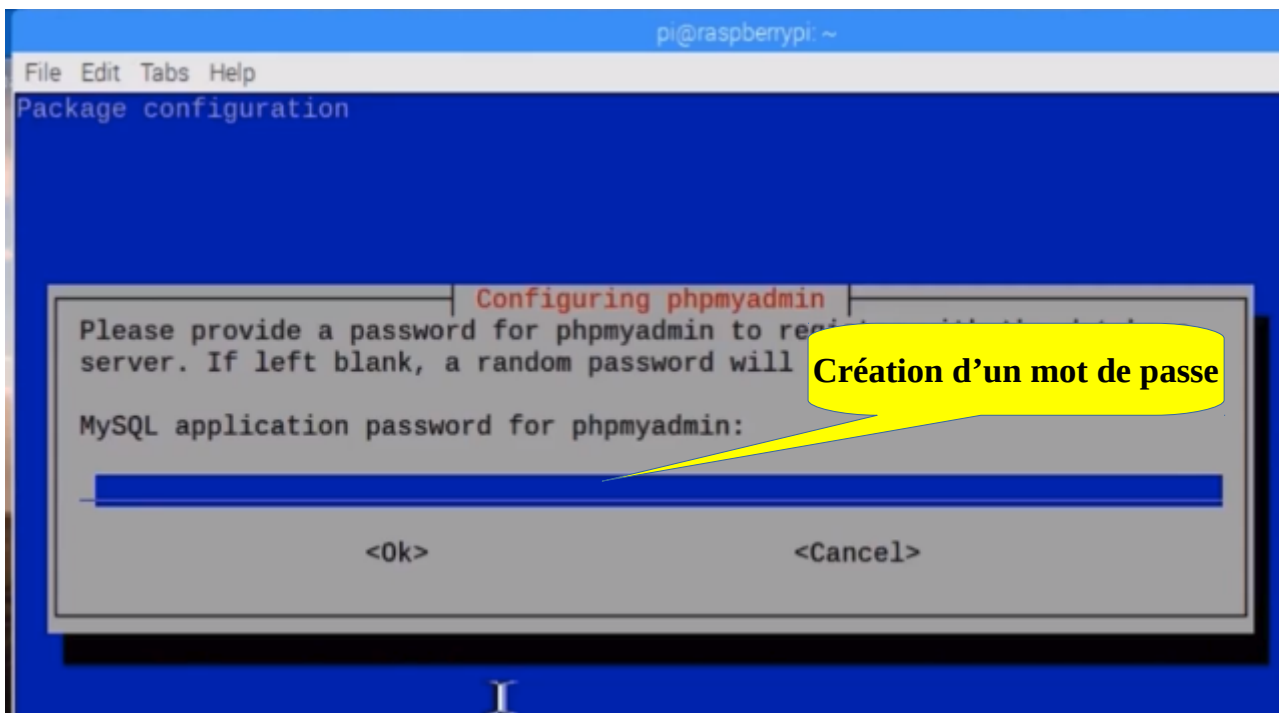
8. on installe MySQL client et on **reboot** :

```
pi@raspberrypi:~$ sudo apt-get install -t stretch mysql-client
```

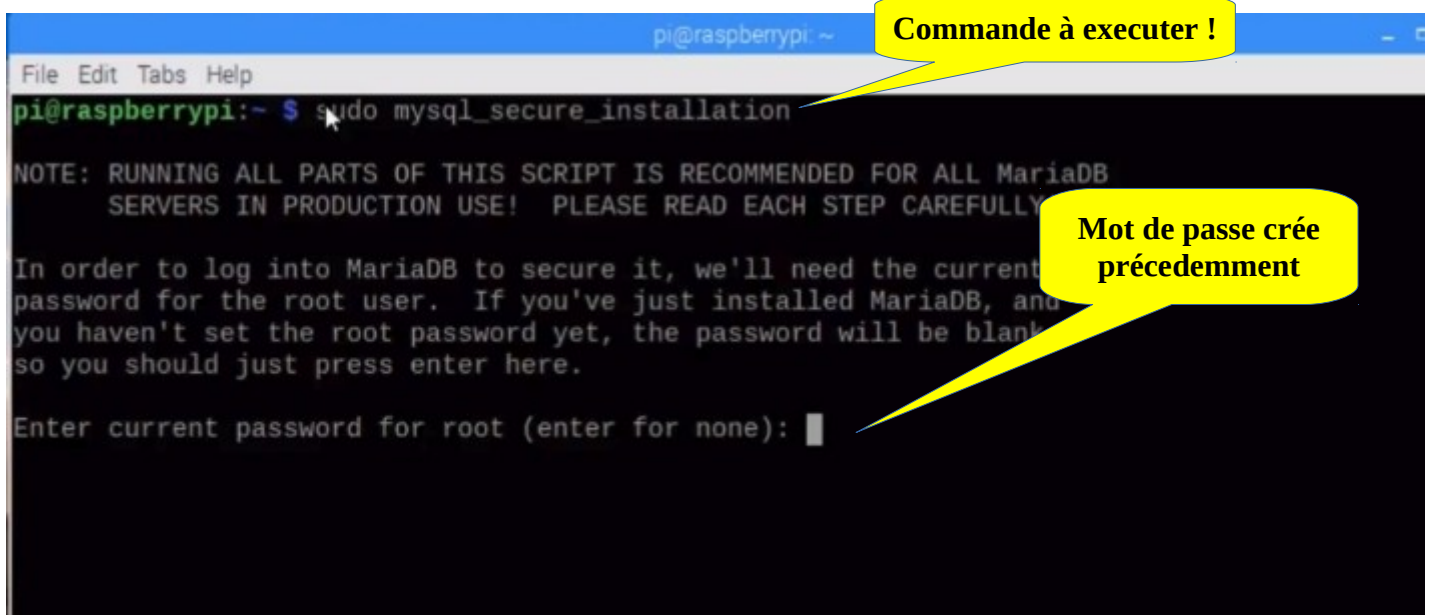
9. on installe phpMyadmin for l 'administration de la database MySQL :

```
pi@raspberrypi:~$ sudo apt-get install phpmyadmin
```

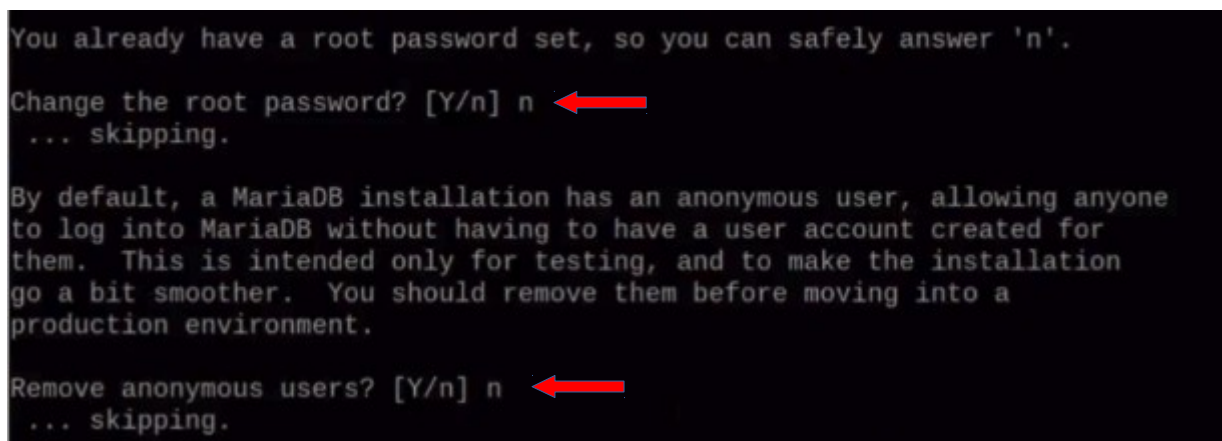




9. maintenant on configure l'accès à MySQL :



on répond comme suit aux questions du prompt :



Normally, root should only be allowed to connect from 'localhost'. This ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] n
... skipping.

By default, MariaDB comes with a database named 'test' that anyone can access. This is also intended only for testing, and should be removed before moving into a production environment.

Remove test database and access to it? [Y/n] n
... skipping.

Reloading the privilege tables will ensure that all changes made so far will take effect immediately.

Reload privilege tables now? [Y/n] y
... Success!

Cleaning up...

pi@raspberrypi: ~

File Edit Tabs Help

pi@raspberrypi:~ \$ sudo su -

root@raspberrypi:~# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 17

Server version: 10.1.23-MariaDB-9+deb9u1 Raspbian 9.0

Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> GRANT ALL PRIVILEGES on *.* to 'root'@'localhost' IDENTIFIED BY 'test';
Query OK, 0 rows affected (0.00 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

MariaDB [(none)]> \q
Bye

root@raspberrypi:~# service mysql stop

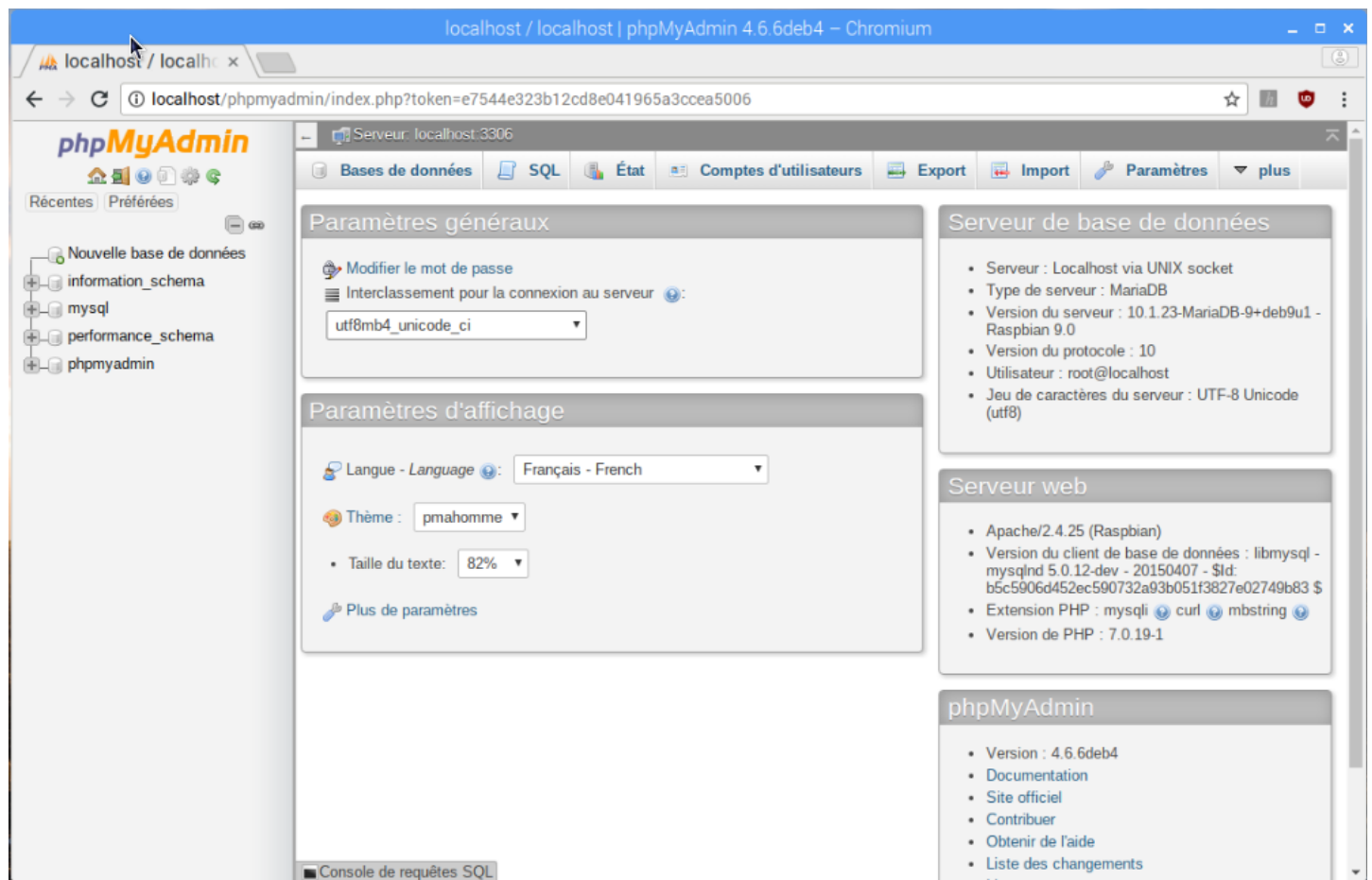
root@raspberrypi:~# service mysql start

root@raspberrypi:~#

Mot de passe
De 'root'

try it again

Normalement, on peut accéder à phpMyAdmin :



Pour installer la librairie Python pour MySql :

```
pi@raspberrypi:~$ sudo apt-get install -t stretch python3-mysqldb
```