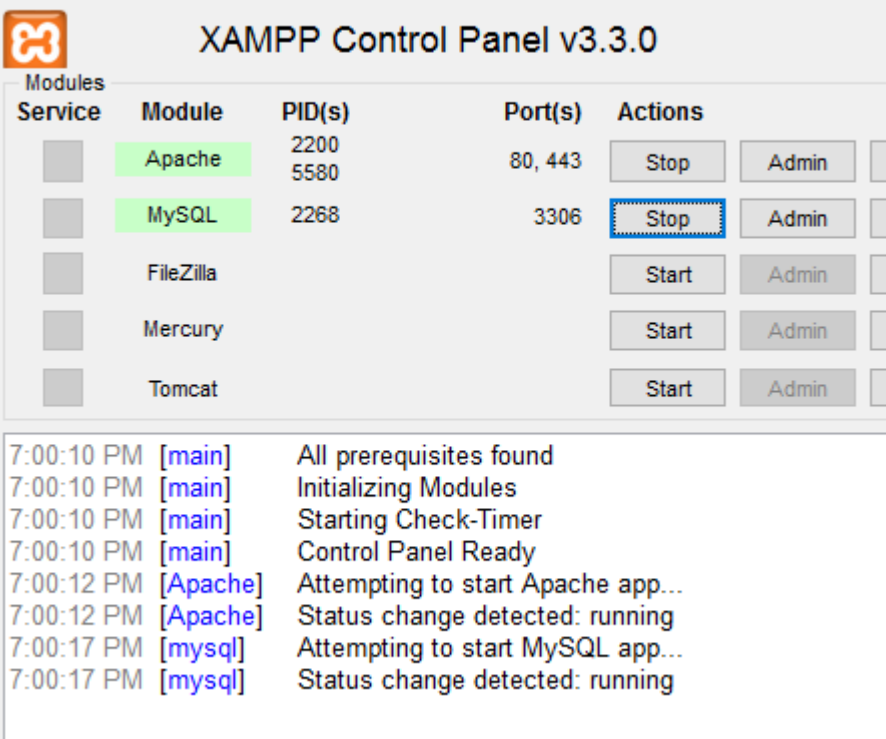


Django MySQL – How to Set up Django to use a Database in xampp?

Step 1:-

run xampp and start apache and mysql as shown below:-

XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]



The screenshot shows the XAMPP Control Panel interface. At the top, it displays the version 'v3.3.0' and the compilation date 'Apr 6th 2021'. Below this is a table of modules with columns for Service, Module, PID(s), Port(s), and Actions. The 'Apache' and 'MySQL' modules are highlighted in green, indicating they are running. The 'MySQL' 'Stop' button is highlighted with a blue dashed border. Below the table is a log window showing the following messages:

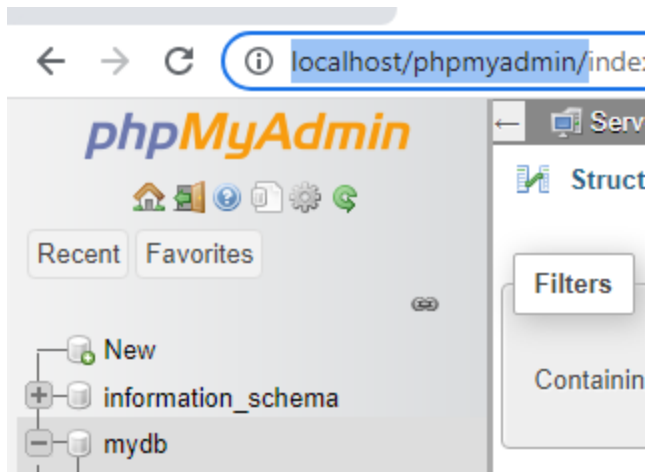
Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	2200 5580	80, 443	Stop Admin
<input type="checkbox"/>	MySQL	2268	3306	Stop Admin
<input type="checkbox"/>	FileZilla			Start Admin
<input type="checkbox"/>	Mercury			Start Admin
<input type="checkbox"/>	Tomcat			Start Admin

7:00:10 PM [main] All prerequisites found
7:00:10 PM [main] Initializing Modules
7:00:10 PM [main] Starting Check-Timer
7:00:10 PM [main] Control Panel Ready
7:00:12 PM [Apache] Attempting to start Apache app...
7:00:12 PM [Apache] Status change detected: running
7:00:17 PM [mysql] Attempting to start MySQL app...
7:00:17 PM [mysql] Status change detected: running

Step 2:- open any browser and type <http://localhost/phpmyadmin/>

&

Create database "mydb" in phpmyadmin as shown below :-



Step 3:-

Go to your project folder and in settings.py file make following changes as shown below.

```
DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.mysql',
        'NAME': 'mydb',
        'USER': 'root',
        'PASSWORD': '',
        'HOST': 'localhost',
        'PORT': '3306',
    }
}
```

Step 4:- after that run following commands as shown below.

First run command

```
py manage.py makemigrations
```

after it run command

```
py manage.py migrate
```

as shown below:-

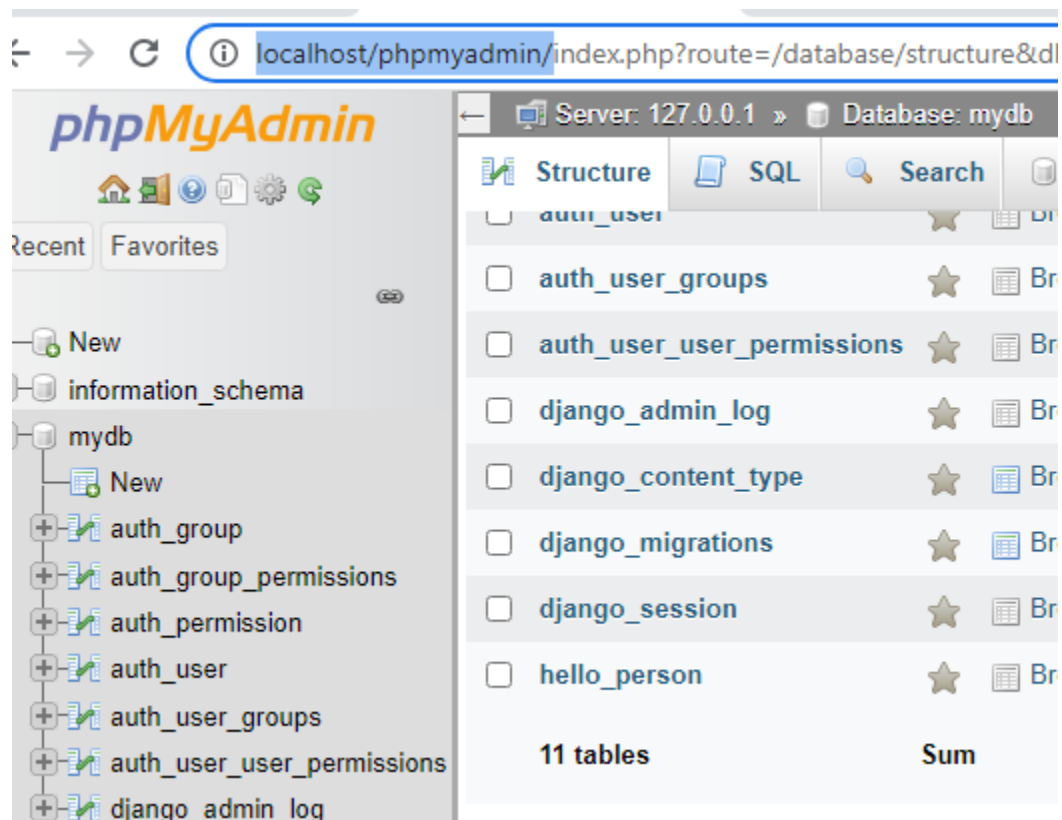
```
D:\classview>py manage.py makemigrations
Migrations for 'hello':
  hello\migrations\0001_initial.py
    - Create model Person

D:\classview>py manage.py migrate
```

After it open your

<http://localhost/phpmyadmin/>

you will see your table is created as shown below.



The screenshot shows the phpMyAdmin interface in a web browser. The address bar displays the URL: `localhost/phpmyadmin/index.php?route=/database/structure&dl`. The browser's address bar also shows the server IP `127.0.0.1` and the database name `mydb`. The interface includes a navigation menu on the left with options like 'New', 'information_schema', and 'mydb'. The 'mydb' database is expanded, showing a list of tables. The main content area displays a table structure view with columns for table names, a star icon, and a 'Br' icon. The tables listed are: `auth_user`, `auth_user_groups`, `auth_user_user_permissions`, `django_admin_log`, `django_content_type`, `django_migrations`, `django_session`, and `hello_person`. At the bottom of the table list, it shows `11 tables` and a `Sum` column.