

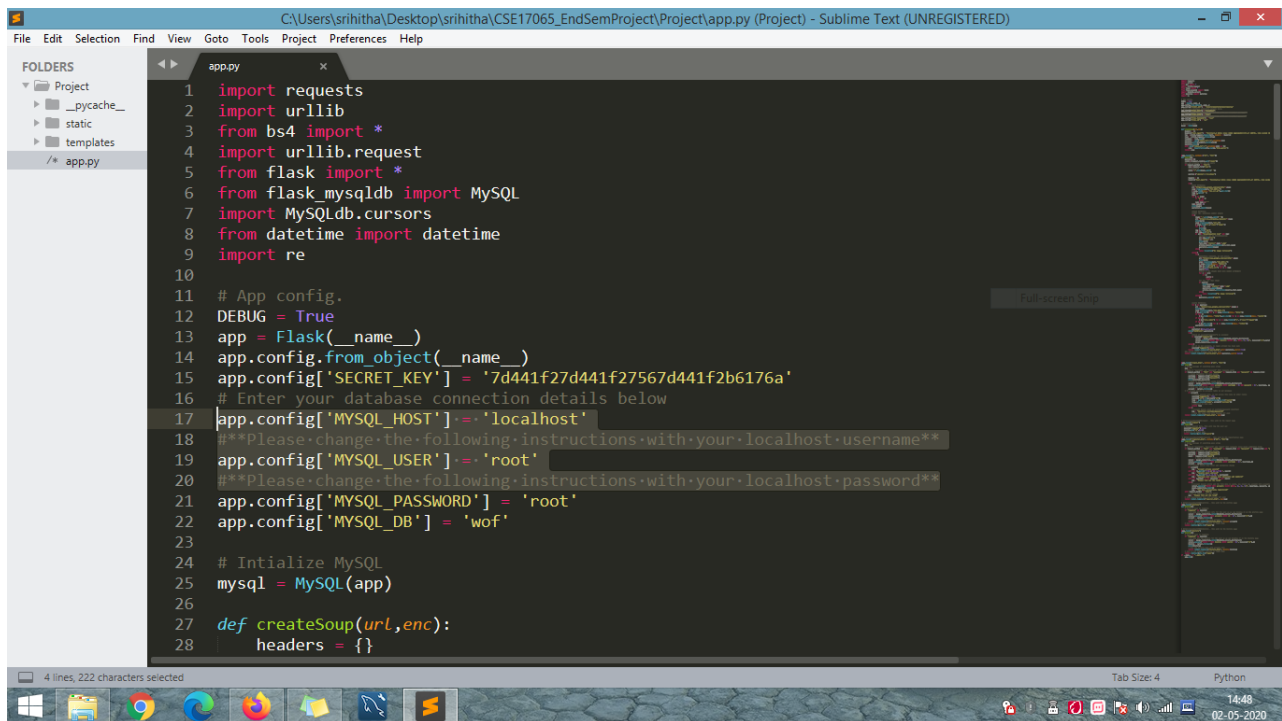
Steps to run the project

Pre requisites apps to run the project - [Python](#), [MySQL Community Server](#) , [MySQL Workbench](#)

Step 1: Download the project

Step 2: Change the localhost database username and password in app.py

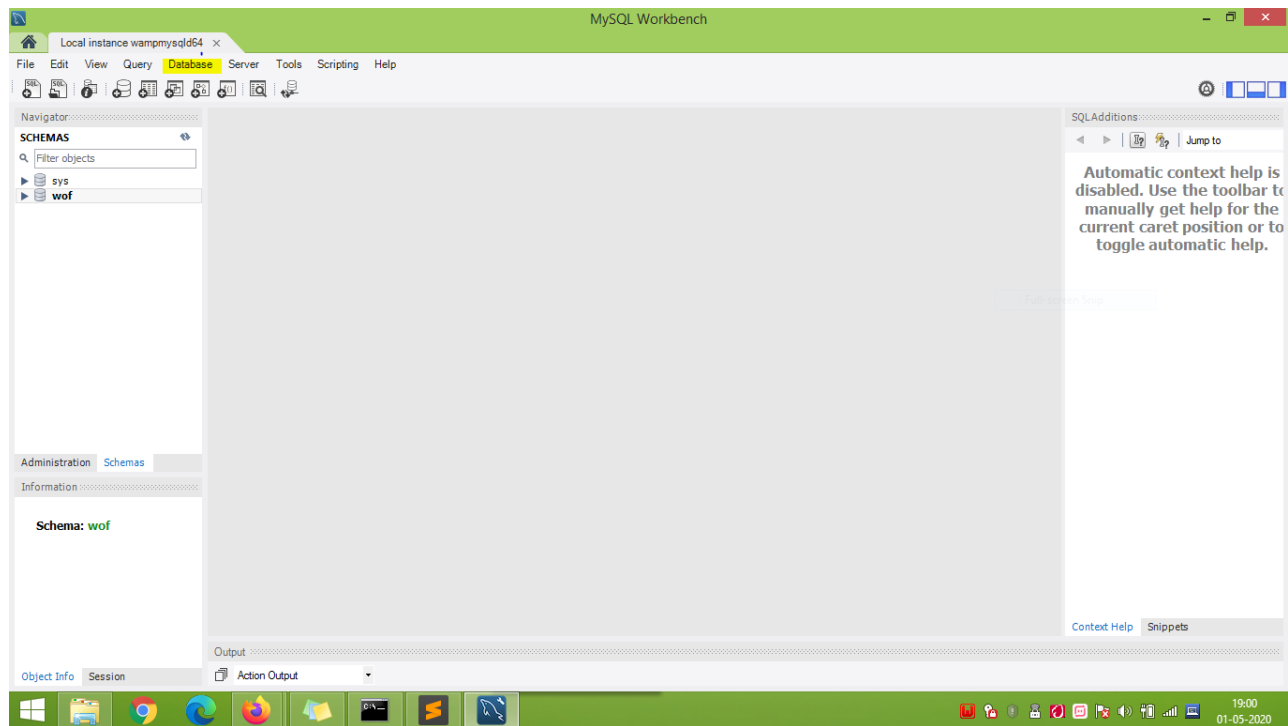
By default, the username and password are set as “root”



```
1 import requests
2 import urllib
3 from bs4 import *
4 import urllib.request
5 from flask import *
6 from flask_mysqldb import MySQL
7 import MySQLdb.cursors
8 from datetime import datetime
9 import re
10
11 # App config.
12 DEBUG = True
13 app = Flask(__name__)
14 app.config.from_object(__name__)
15 app.config['SECRET_KEY'] = '7d441f27d441f27567d441f2b6176a'
16 # Enter your database connection details below
17 app.config['MYSQL_HOST'] = 'localhost'
18 #**Please change the following instructions with your localhost username**
19 app.config['MYSQL_USER'] = 'root'
20 #**Please change the following instructions with your localhost password**
21 app.config['MYSQL_PASSWORD'] = 'root'
22 app.config['MYSQL_DB'] = 'wof'
23
24 # Intialize MySQL
25 mysql = MySQL(app)
26
27 def createSoup(url, enc):
28     headers = {}
```

Step 3: Create the database

- Open MySQL Workbench
- Click on Database and then connect to database



- Execute the below MySQL statements by clicking the run button (highlighted button)

Script for database:

```
CREATE DATABASE IF NOT EXISTS `wof` DEFAULT CHARACTER SET utf8 COLLATE  
utf8_general_ci;
```

```
USE `wof`;
```

```
DROP TABLE IF EXISTS `accounts`;
```

```
CREATE TABLE `accounts` (  
  `id` int NOT NULL AUTO_INCREMENT,  
  `username` varchar(50) NOT NULL,  
  `password` varchar(255) NOT NULL,  
  `email` varchar(100) NOT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=utf8;
```

```
USE `wof`;
```

```
DROP TABLE IF EXISTS `history`;
```

```
CREATE TABLE `history` (  
    `userid` int NOT NULL,  
    `histid` int NOT NULL AUTO_INCREMENT,  
    `datetime` datetime NOT NULL,  
    `query` varchar(150) NOT NULL,  
    PRIMARY KEY (`histid`)  
) ENGINE=InnoDB AUTO_INCREMENT=9 DEFAULT CHARSET=utf8;
```

```
USE `wof`;
```

```
LOCK TABLES `accounts` WRITE;
```

```
INSERT INTO `accounts` VALUES  
(1,'test','test','test@test.com'),(2,'Srihitha','abcd','srihithareddy100@gmail.com'),(3,'Aruna','aruna','aruna@gmail.com');
```

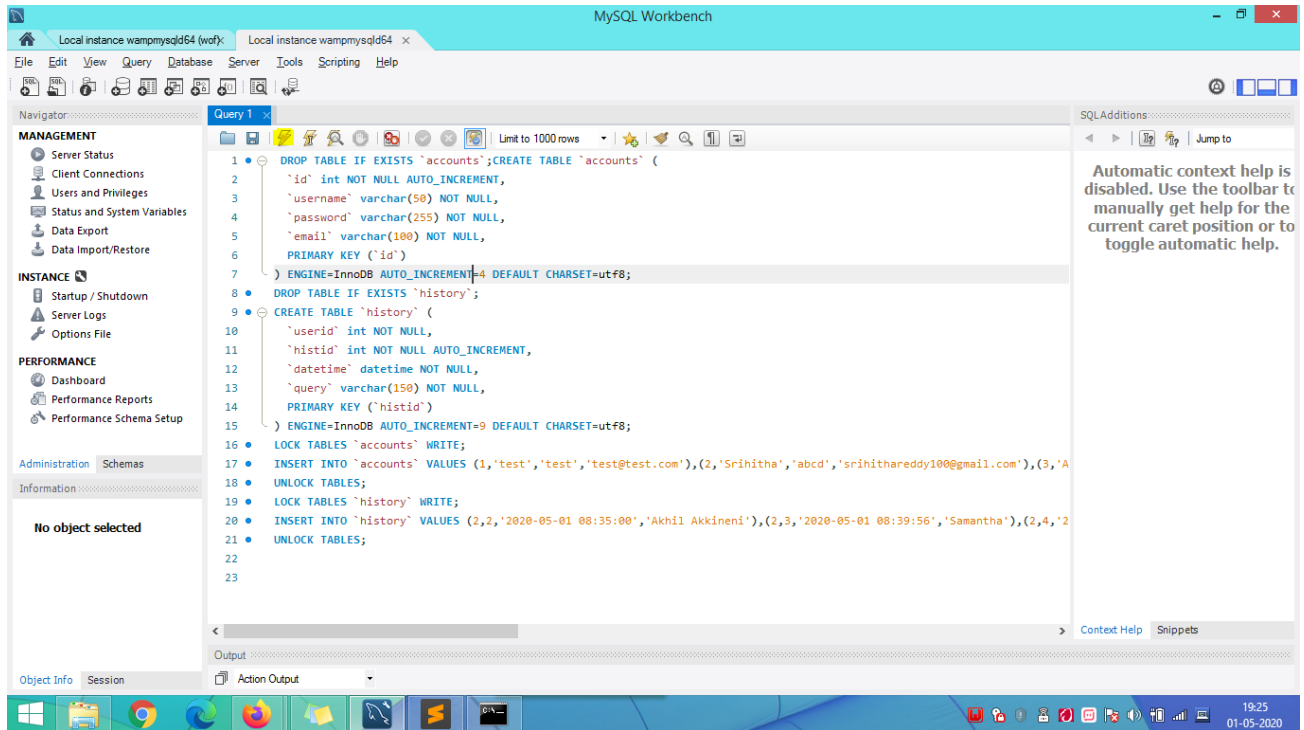
```
UNLOCK TABLES;
```

```
USE `wof`;
```

```
LOCK TABLES `history` WRITE;
```

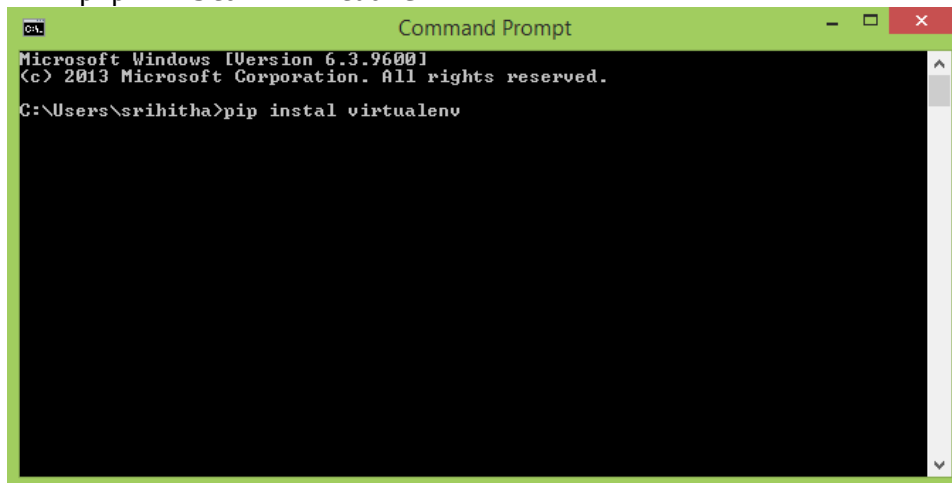
```
INSERT INTO `history` VALUES (2,2,'2020-05-01 08:35:00','Akhil Akkineni'),(2,3,'2020-05-01 08:39:56','Samantha'),(2,4,'2020-05-01 09:51:25','Samantha Akkineni'),(3,5,'2020-05-01 11:49:07','Prabhas'),(1,6,'2020-05-01 15:04:43','Leonardo DiCaprio'),(1,7,'2020-05-01 15:22:47','Akhil Akkineni'),(1,8,'2020-05-01 15:25:38','Akhil Akkineni');
```

```
UNLOCK TABLES;
```

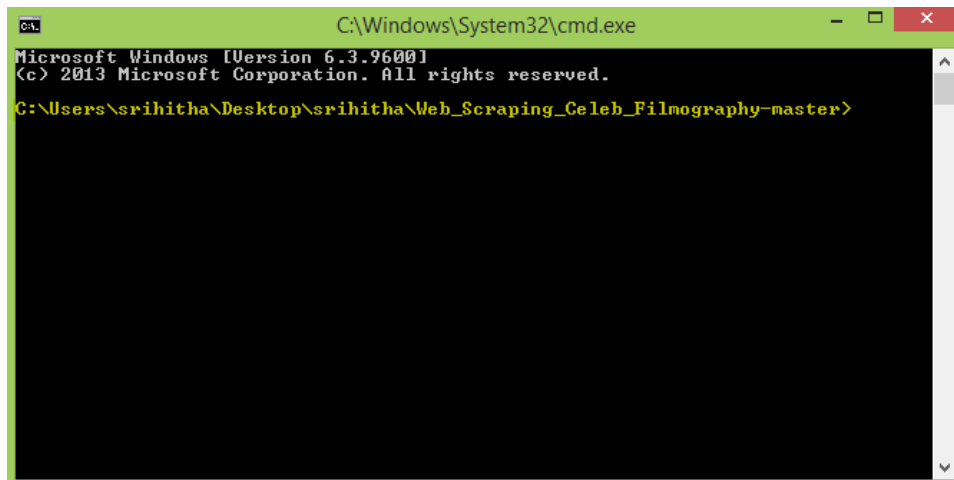


Step 4: Create a virtual environment in the project file

- Open *Command Prompt* (cmd)
- Install the virtualenv package
 - `pip install virtualenv`



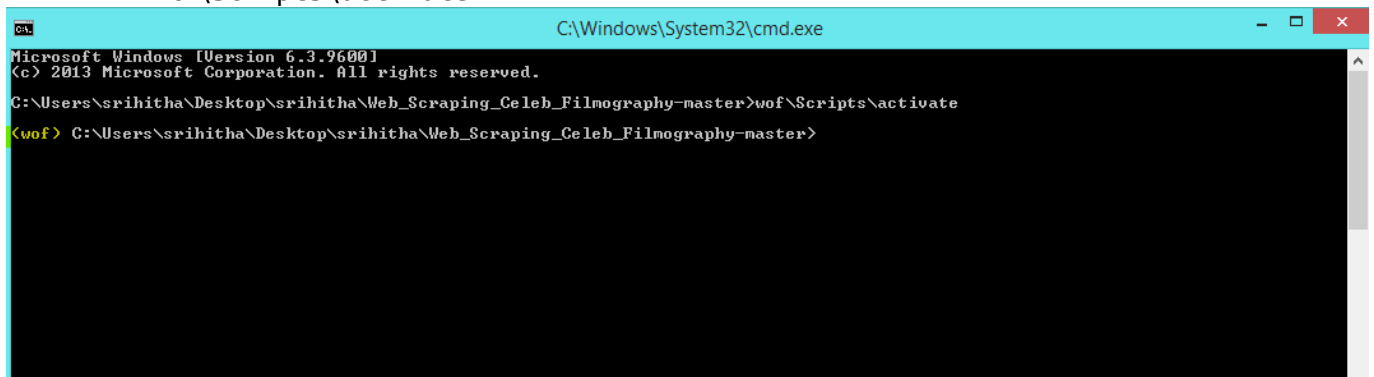
- Go to project folder using the below command
 - `cd c:\your_project_folder_destination`



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\srihitha\Desktop\srihitha\Web_Scraping_Celeb_Filmography-master>
```

- Create the virtual environment (wof is the name of the virtual environment created)
 - `virtualenv wof`
- Activate the virtual environment
 - `wof\Scripts\activate`



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\srihitha\Desktop\srihitha\Web_Scraping_Celeb_Filmography-master>wof\Scripts\activate
(wof) C:\Users\srihitha\Desktop\srihitha\Web_Scraping_Celeb_Filmography-master>
```

Step 5: Install all the pre required libraries using pip

- `pip install requests`
- `pip install urllib3`
- `pip install beautifulsoup4`
- `pip install Flask`
- `pip install Flask-MySQL`
- `pip install datetime`
- `pip install flask-mysqldb`

Step 6: Set the variables

- Run command: `set FLASK_APP=app.py`
- Run command: `set FLASK_DEBUG=1`

Step 7: Run the program

- Run command: `flask run`
- Go to Firefox or Chrome and enter the address given in the terminal : <http://127.0.0.1:5000>

```
(wof) C:\Users\srihitha\Desktop\srihitha\Web_Scraping_Celeb_Filmography-master>flask run
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```