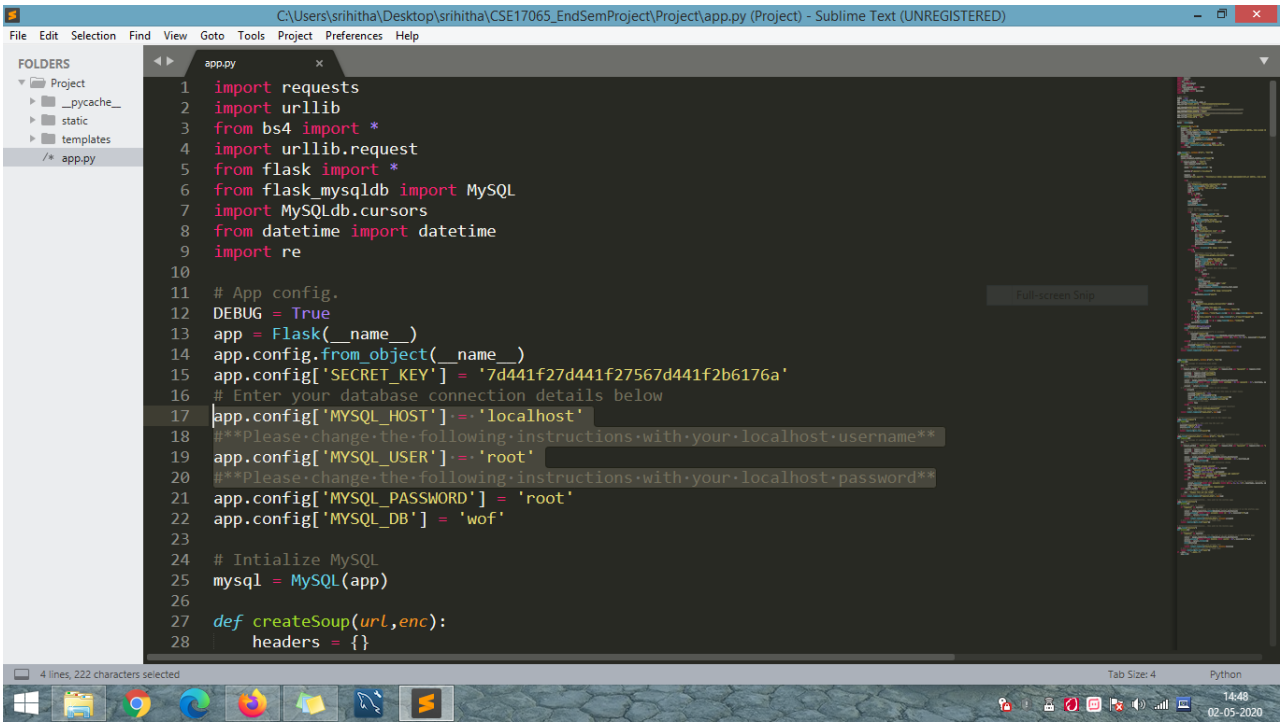
Steps to run the project

Pre requisites apps to run the project - Python, MySQL Community Server , MySQL Workbench

Step 1: Download the project

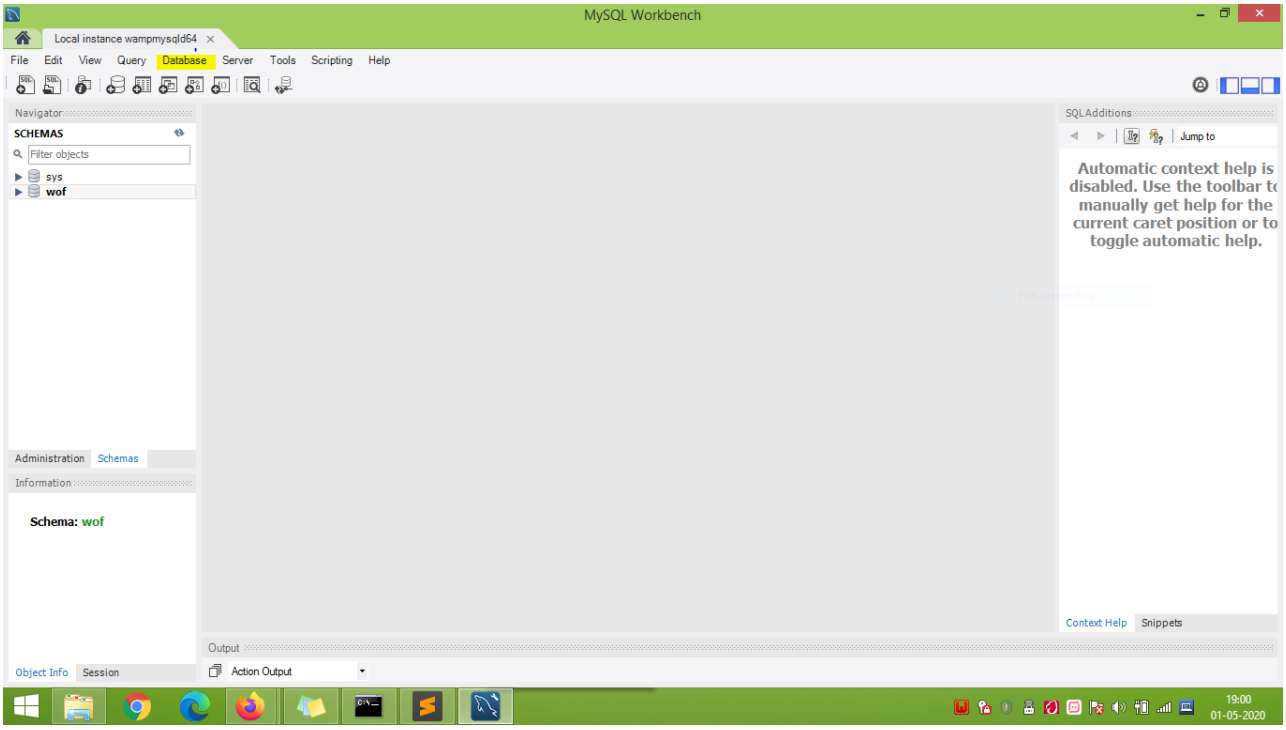
Step 2: Change the localhost database username and password in app.py

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



Step 3: Create the database

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

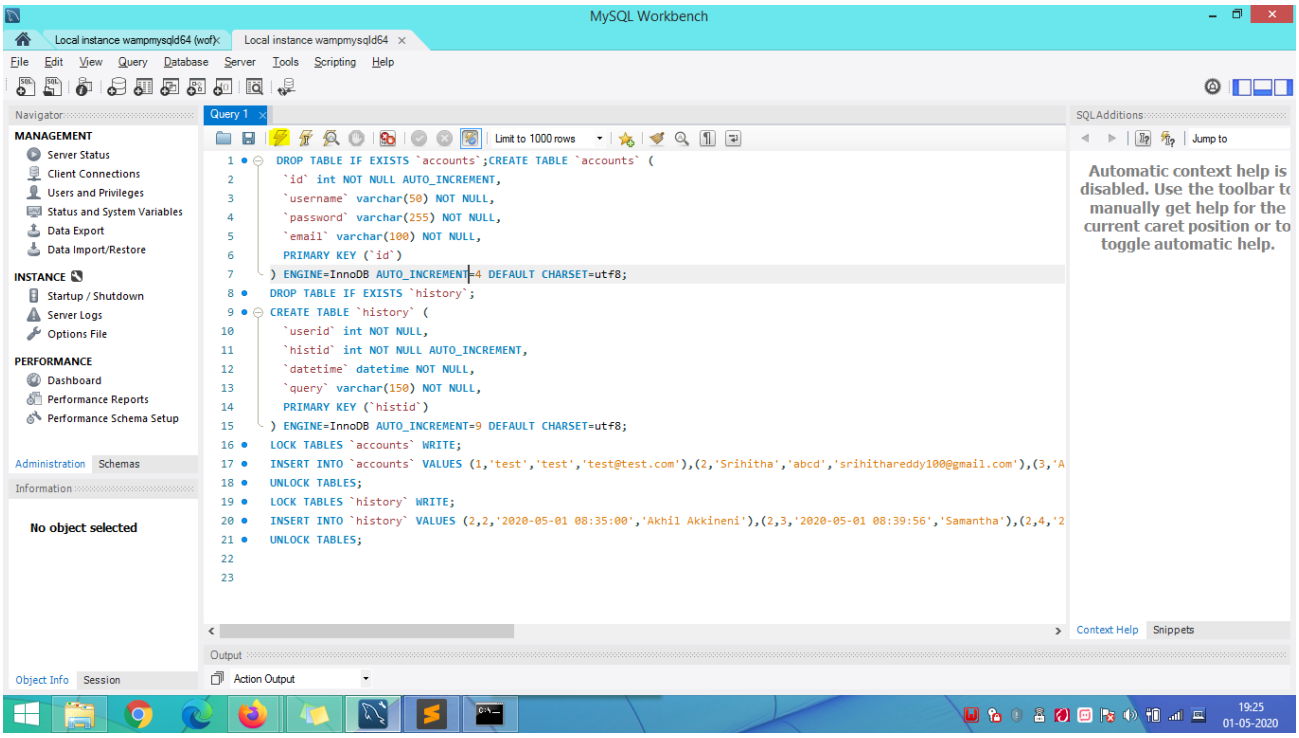


- Execute the below MySQL statements by clicking the run button (highlighted button)

Script for database:

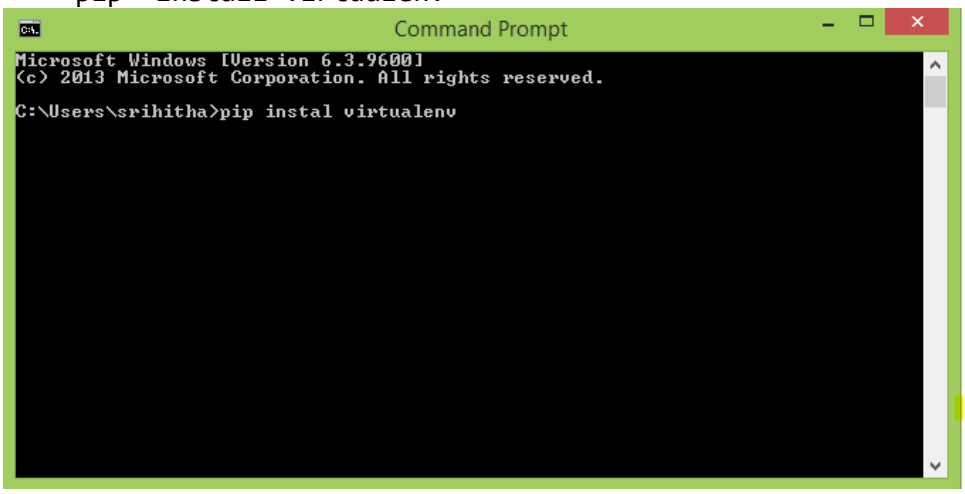
```
CREATE DATABASE IF NOT EXISTS `wof` DEFAULT CHARACTER SET utf8 COLLATE utf8_general_ci;

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;
```

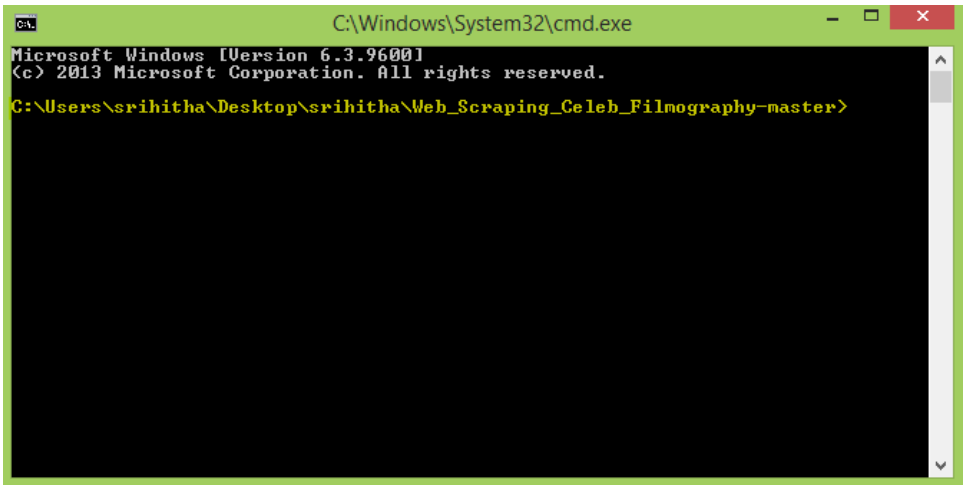


Step 4: Create a virtual environment in the project file

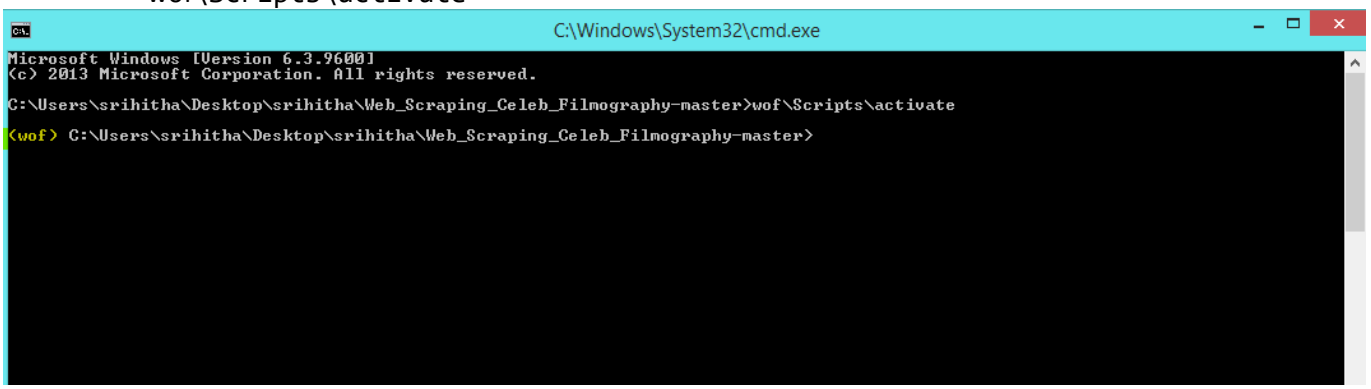
- Open *Command Prompt* (cmd)
- Install the virtualenv package
  - `pip install virtualenv`



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



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



Step 5: Install all the pre required libraries using pip

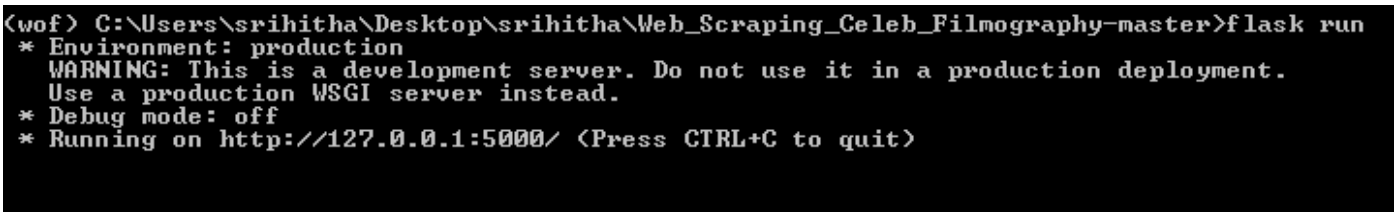
- `pip install requests`
- `pip install urllib3`
- `pip install beautifulsoup4`
- `pip install Flask`
- `pip install Flask-MySQL`
- `pip install datetime`
- `pip install flask-mysqldb`

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)