E:\Projects\IU\_DualCredit\iuDualCredit\iuDualCreditVenv\Scripts\activate.bat

C:\RadCube\Projects\IU\_DualCredit\iuDualCredit\iuDualCreditVenv\Scripts\activate.bat

C:\RadCube\Projects\IU\_DualCredit\git-IU\_DualCredit\iuDualCreditVenv\Scripts\activate.bat

**Python Django Introduction**

>> Pip install virtualenvwrapper-win

>> py -3 –m venv ./iuDualCreditVenv **– create a virtual environment**

>> C:\RadCube\Projects\IU\_DualCredit\iuDualCredit\iuDualCreditVenv\Scripts\activate.bat **--- if you have multiple environment and to switch any of the environment**

>> pip install django **– install Django globally**

>> Django-admin startproject iuDualCredit **– create a project** **with name iuDualCredit**

>> cd iuDualCredit

>> code .

>> python manage.py runserver

>> pip install mysqlclient **– to install mysqlclient**

>> pip manage.py migrate

>> python manage.py createsuperuser --username=Admin [--email=support@radcube.com](mailto:--email=support@radcube.com) **– To create a new user**

Password:- Admin@1234

>> python manage.py startapp posts **– create a new Posts folder**

>> python manage.py makemigrations posts **– to create file based on model which can be used to create a database table**

>> python manage.py migrate **– to create database tables**

**Note:**

1. C:\RadCube\Projects\RD\djangoClassBasedView --- **virtual Environment is at this path**
2. C:\RadCube\Projects\RD\djangoClassBasedView\blogProject --- **manage.py file is here (to run the server)**

**Python Django Dev to Deployment (Use Command prompt)**

>> C:\RadCube\Projects\IU\_DualCredit\iuDualCredit\

>> py -3 –m venv ./iuDualCreditVenv

>> C:\RadCube\Projects\IU\_DualCredit\iuDualCredit\iuDualCreditVenv\Scripts\activate.bat

>> pip install Django

>> pip install psycopg2

>> django-admin startproject iuDualCredit . **------There is a dot at the end of this command**

>> python manage.py runserver

>> pip install mysqlclient **– to install mysqlclient**

>> pip manage.py migrate

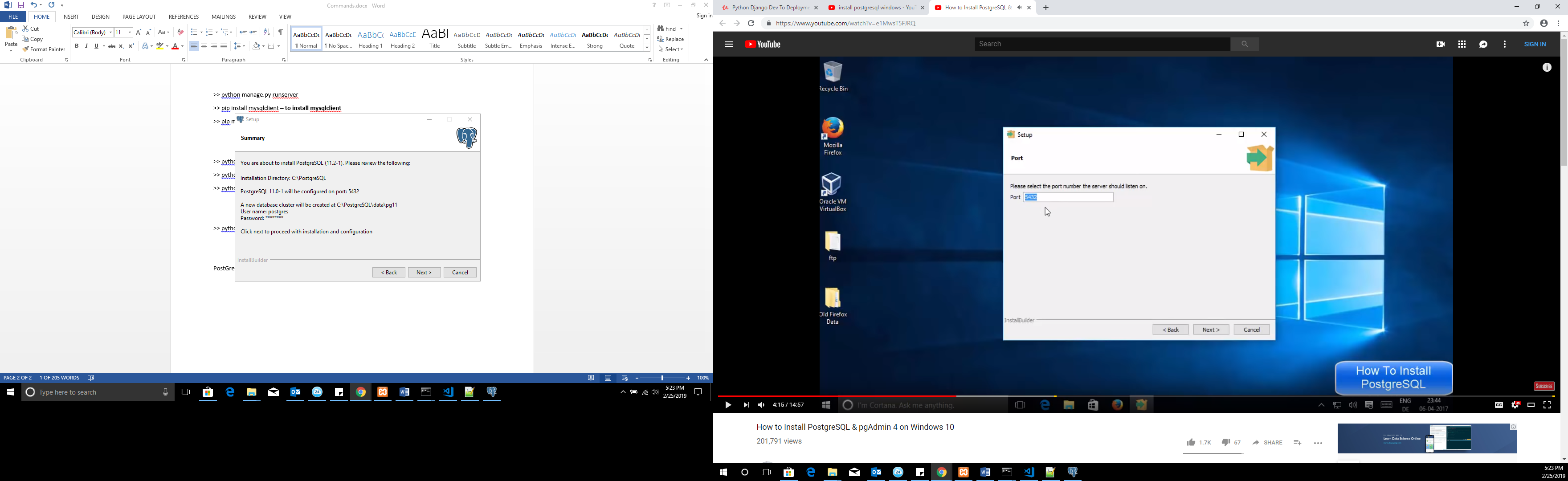
>> python manage.py startapp pages – **to create** **a pages**

>> python manage.py startapp listings – **to create** **a listings**

>> python manage.py startapp realtors – **to create** **a realtors**

>> python manage.py collectstatic – **to create a main static folder having js, font, css etc.**

**PostGre**



Password:PostGre@1234

Database: iuDualCreditDb

>> pip install psycopg2

>> python manage.py migrate --- **for Django – PostGres DB connection**

DATABASES = {

'default': {

'ENGINE': 'django.db.backends.postgresql',

'NAME': 'iudualcreditdb',

'USER': 'postgres',

'PASSWORD': 'PostGre@1234',

'HOST': 'localhost'

}

}

Create models first

>> pip install pillow **– for imageField datatype**

>> python manage.py makemigrations **– to create migration files**

>>python manage.py sqlmigrate listings 0001 **– to check the corresponding sql statement**

>> python manage.py migrate

>> python manage.py createsuperuser **– To create a superuser**

>> SuperAdmin/SuperAdmin@1234

>> pip install pylint-django **--- only errors should be highlighted nothing else**

>> python manage.py startapp accounts

>> python manage.py collectstatic **--- to send the main.js file into** **the main static file**

>> python manage.py startapp contacts

>> python manage.py makemigrations contacts **--- database creation for contacts only**

>> python manage.py migrate

**IU-Dual Credit Project**

>> python manage.py startapp courses

>> python manage.py startapp enrollments

>> python manage.py makemigrations enrollments

>> python manage.py makemigrations grantenrollmentData

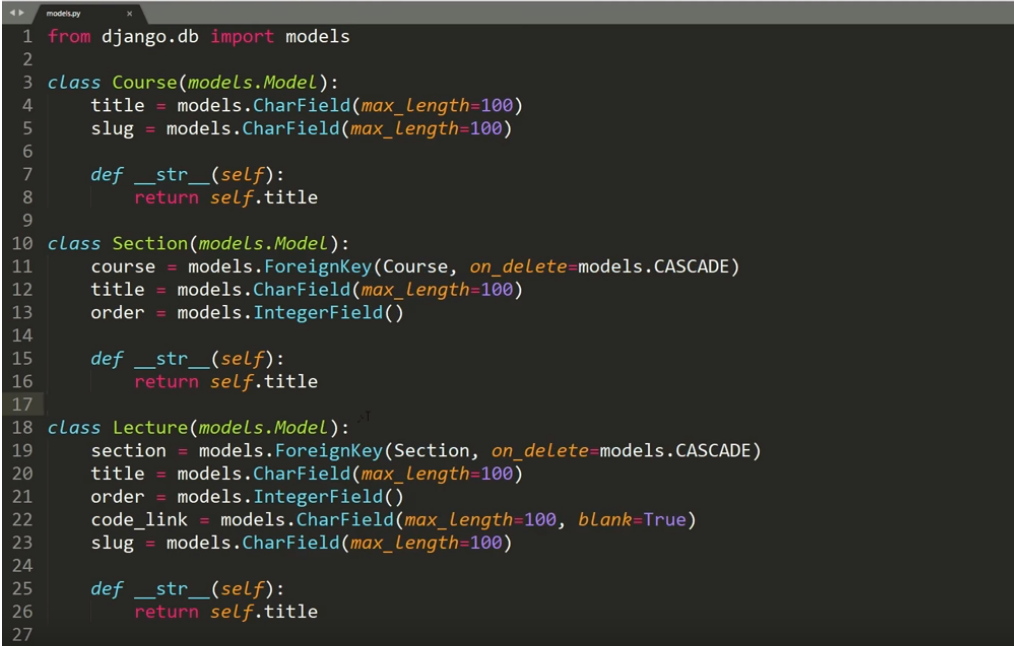
>> python manage.py makemigrations courses

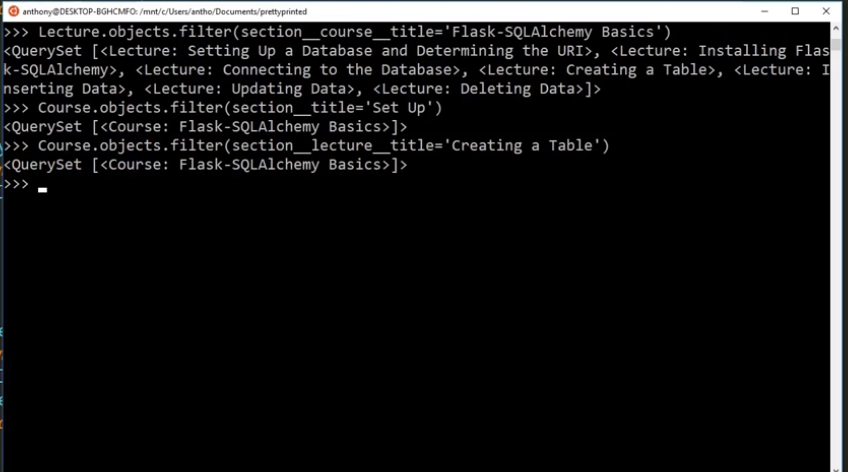
>> python manage.py migrate

>> python manage.py migrate --fake enrollments zero **-- This will make your migration to fake. Now you can run the migrate script**

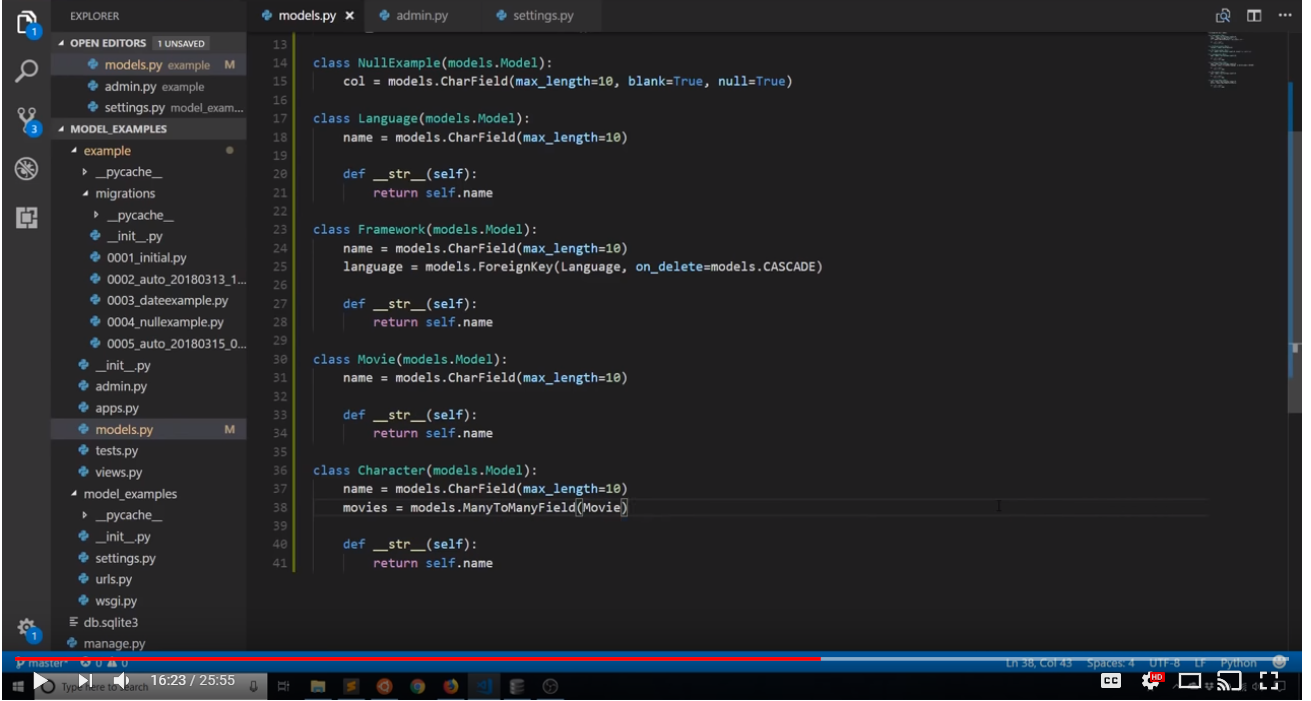
>> python manage.py migrate enrollments **-- Tables will be created and you solved your problem..**

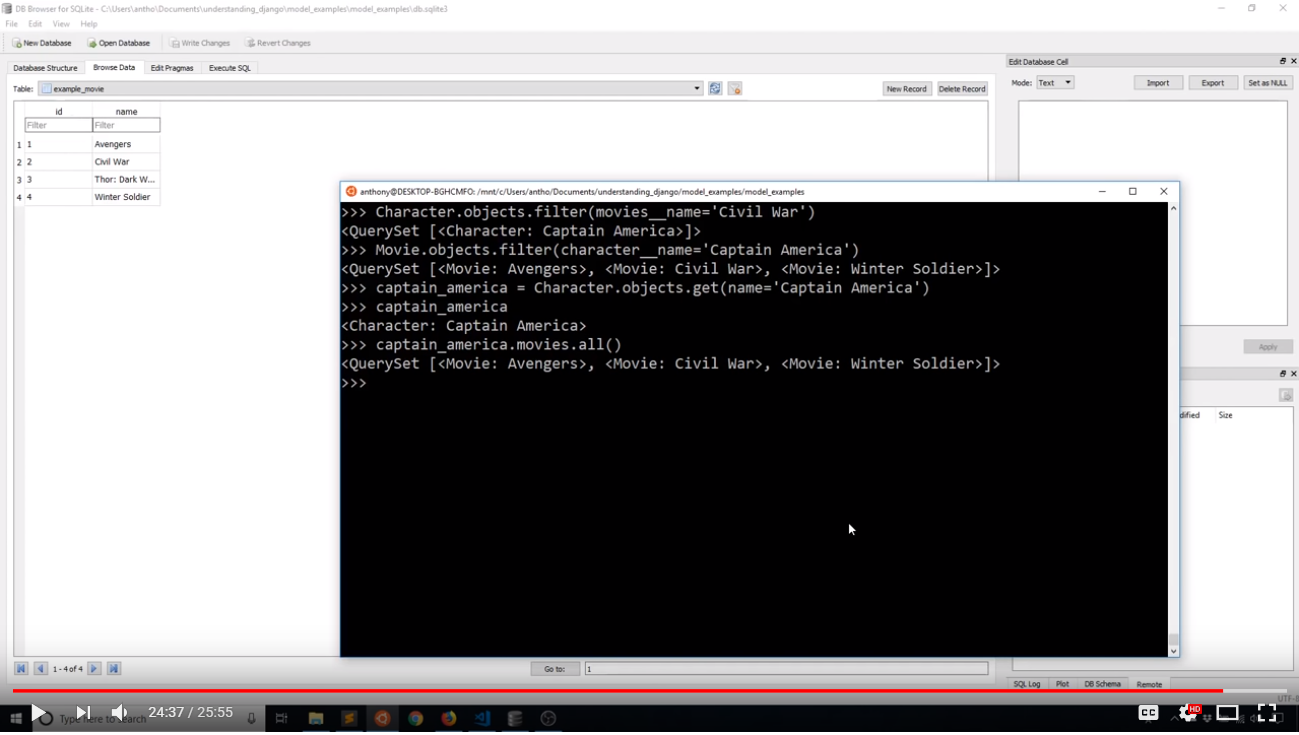
**One-To-Many RelationShip:**





Many-To-Many relationship:





**Not Important:**

Connect to IU Server:

Key/Confirm passphrase: Welcome@1234

**Public key for passing into OpenSSH:**

ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAQEAhppTI7lG1E+wJjVOnZj6Isl82fj06Kxx593ZXM4FBWCkofUxsELkhQZ2HlQGu9rS+uMPQN1nN+41swvG585XK4ny8+KJ6P9P0EtmyBQN2On/ct1HluGMAlxyTsaQjG77ra1WGz+ROwgXBHGHnFWa475bmJ9PUUmOFaplCmivQzKOhEsY1Wmw7FlHrJiwwNyCN7U7mPyLdyGshz3EvHeJm5QGbHQ5XIUAl8vLyx3294zgzSsTXTNdeogWqHOb76zUfMlzCrRcQ9zZo96EDfRnVa8lleehN5MCfkWEBh/fVtccbr+OV+5o7zd0C+US7KgqhM8ukOLVbYhCa6kOnG8dKQ== rsa-key-20190411

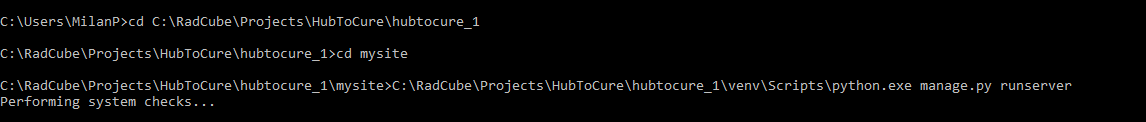
**Install MySql connector:**

pip install mysql-connector-python

**Install SSHTunnel:**

pip install sshtunnel

**Hub to Cure project:**



To run the server

Credentials for HubToCure: austink Welcome@1

C:\RadCube\Projects\HubToCure\hubtocure\venv\Scripts\python.exe manage.py runserver