The Film deployment tutorial

2023.5.22

Operating environment

1. Download & install Python 3.10

- Download and install Python 3. You can use the official Python release version 3.10.
- Note: This program is not compatible with Python 2.

2. Install or upgrade pip to version 20.3.4

- Use python -m pip install --upgrade pip command in cmd
- You need to ensure that the pip version is 20.3.4 to install subsequent software dependencies.
  You can update pip using the command python -m pip install --upgrade pip.
  Note: Before executing this command, ensure that the directory containing the pip.exe file has been added to the PATH environment variable.

3. Install software relevant packages

- This software need three python packages to run
- Our software requires the following python packages to run, please make sure they are installed correctly and in the correct version
    - django 4.2
    - pymysql == 1.0.3
    - mysqlclient == 2.1.1
    - Django-simple-captcha 0.5.17
    - Django-mysql 4.9.0
    - Reqister 0.1
    - Scikit-learn 1.2.2
    - Pillow 9.5.0
    - Beautifulsoup4 4.12.2
    - Matplotlib 3.7.1
    - Register-apps 2.0.1
    - Pandas 2.0.1
    - Django-sql 1.0.1
    - Django-ranged-response 0.2.0

- You can go to pychram, select File, select Settings, select Project, select Interpreter, select desired python。

- if you want to verify that the installation is correct, you can use the command pip list to output a list of packages that have been installed. If the table contains the previously mentioned packages, and the installed version is correct, then the installation is correct

- Please ensure that your account has system administrator privileges, otherwise pip installation operation may fail

- Make sure your system account has administrator privileges when installing with the pip command, otherwise the pip installation operation may fail.

Run the software

1. Find the manage.py under the sourcecode directory, and then run this file with a parameters
   - Use cmd to go to the sourcecode directory, where the manage.py file should exist, and run the program with the directive python manage.py runserver.
   - If the command is successfully executed, the following information is displayed Performing system checks...

     System check identified no issues (0 silenced).

     June xx, 2023 - xx:xx:xx

     Django version 4.2., using settings 'djangoproject1.settings'

     Starting development server at http://127.0.0.1:8000/

     Quit the server with CTRL-BREAK.

2. And then you can visit http://127.0.0.1:8000/login/ Browse our web page (Django default port 8000)

Diagnosis

If something goes wrong with your program, there may be one of the following reasons：

   a. The dependency installation is not complete, please make sure that all dependencies are installed and in the correct version. If they are still missing, click on the error source and install them one by one until all are installed.

b. Database link exception, import database name need to be ufp, and use xampp, then import the database we gave you.

If not, perform the following steps:

python manage.py makemigrations

python manage.py migrate

It still doesn't work:

To create a django_session in the database, you can create an empty database by performing the above steps, in the export database, select the django_session part of the insert.
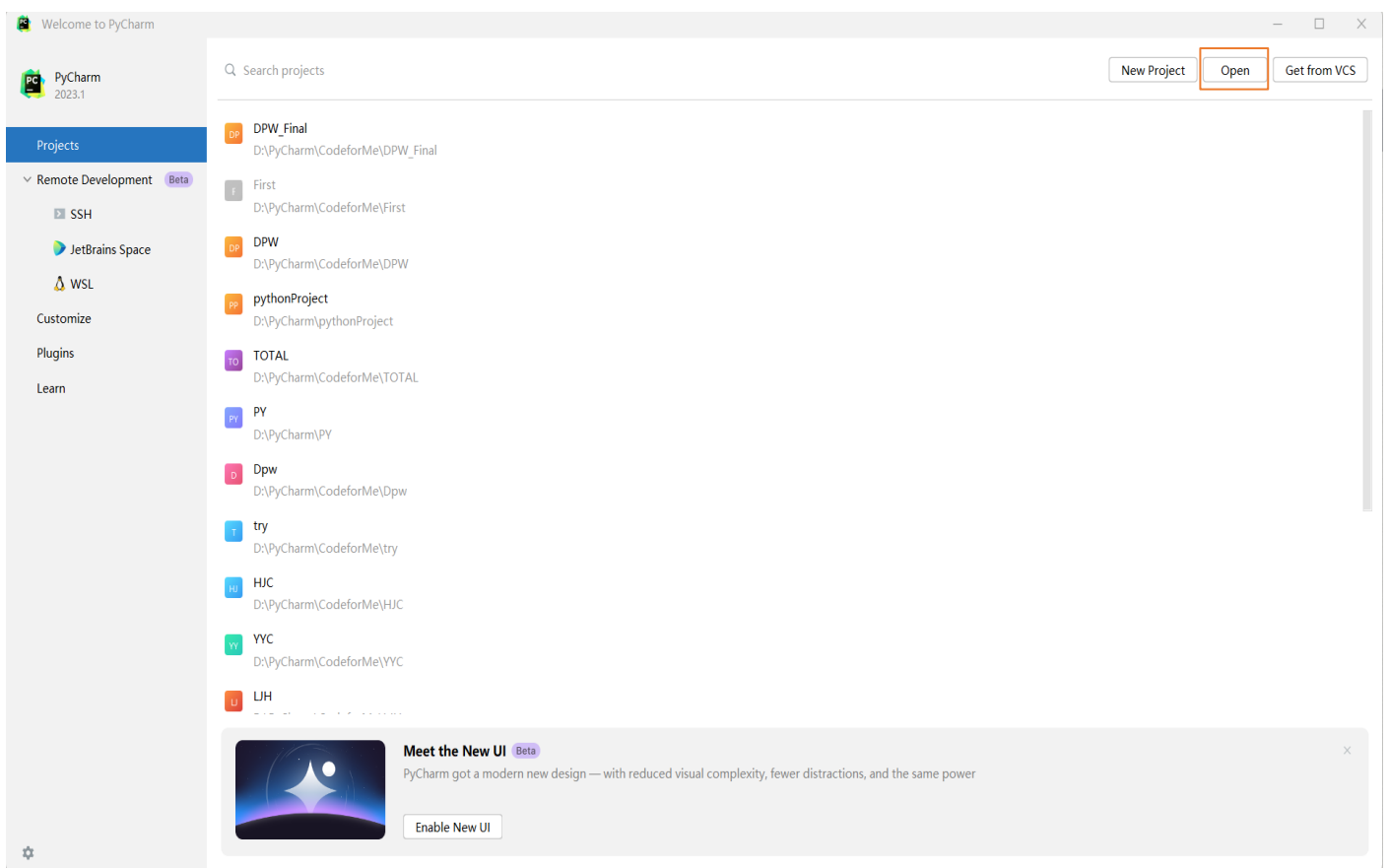
c. Base.py: If the file version is incorrect, open the file directly and use the administrator permission to change the version requirement until it meets the requirements, such as 1.4.3 to 1.0. 3

Step to run the project

（Take PyCharm Prof as an example）

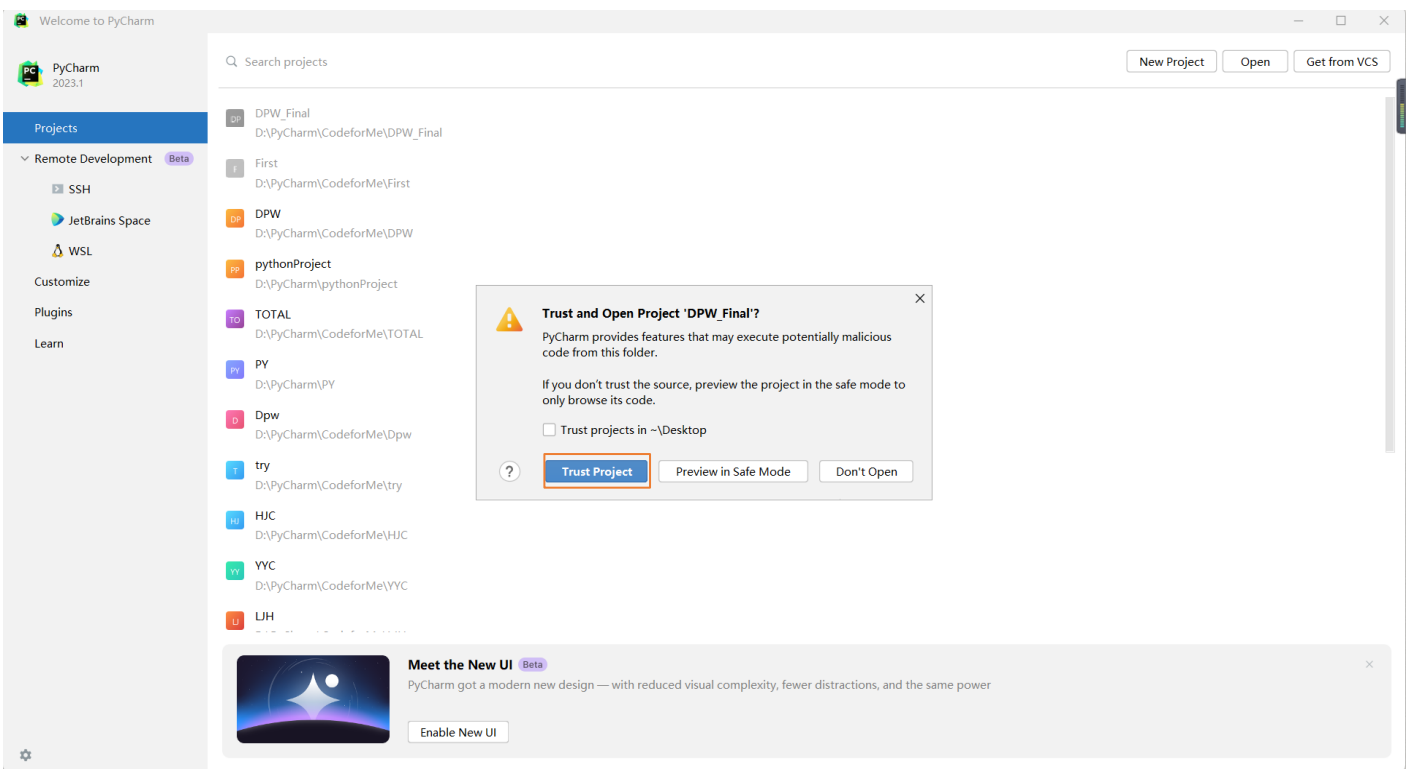**Notice: If you use PyCharm community, our project cannot run successfully.**

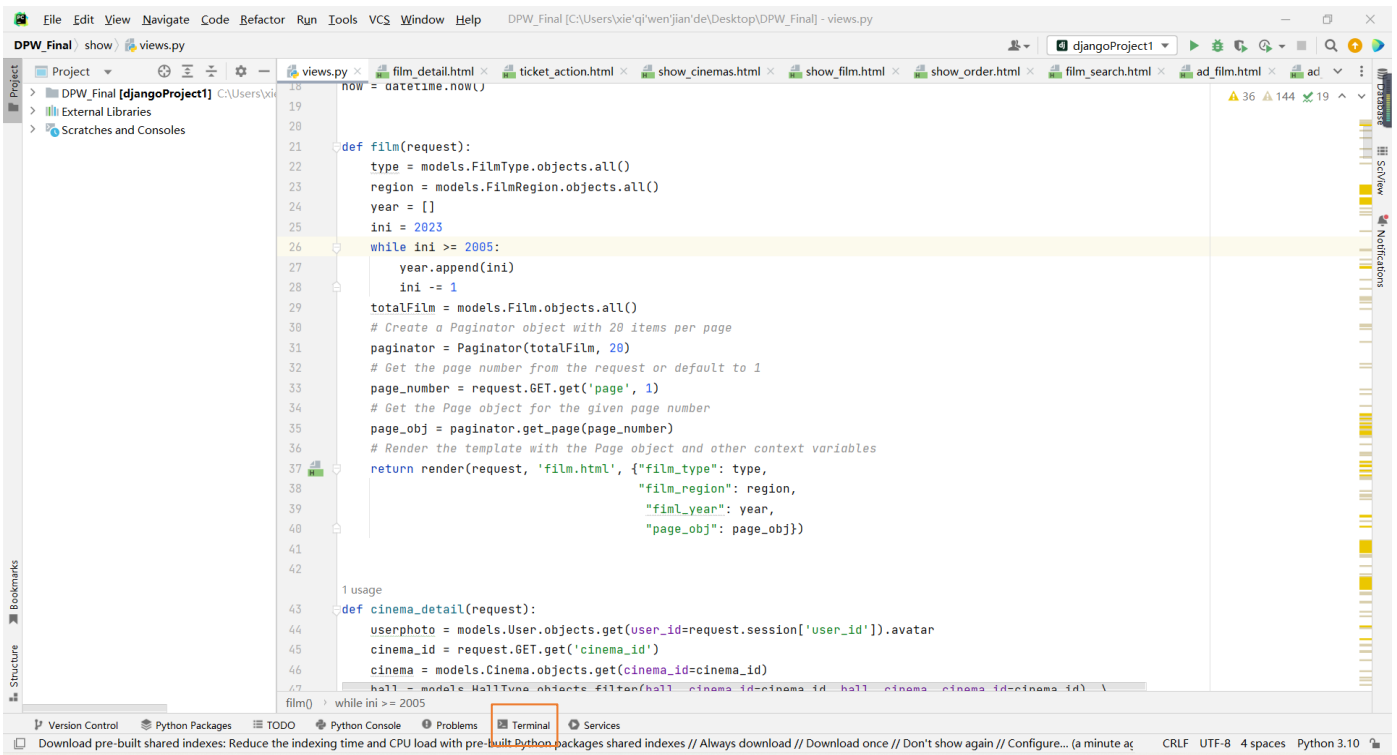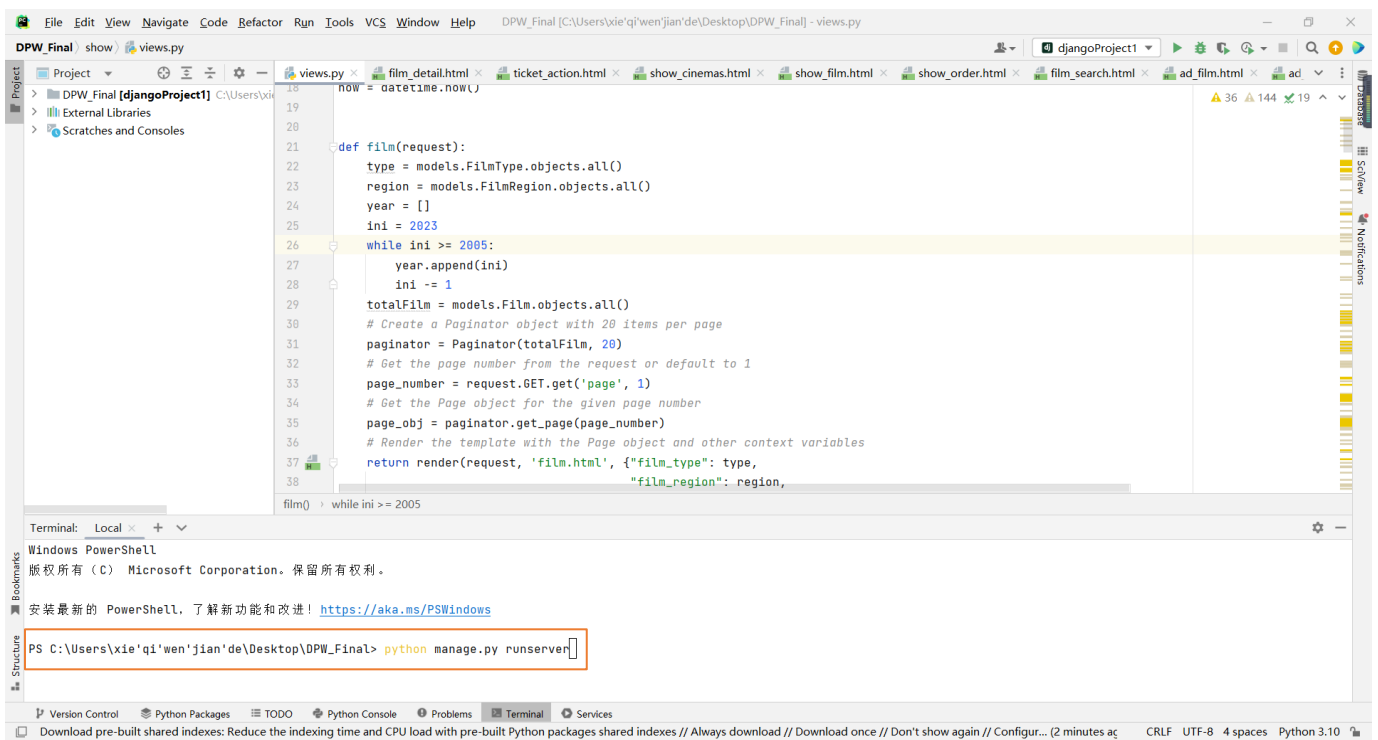1. Open the project in the PyCharm:

2. Select the folder we submit
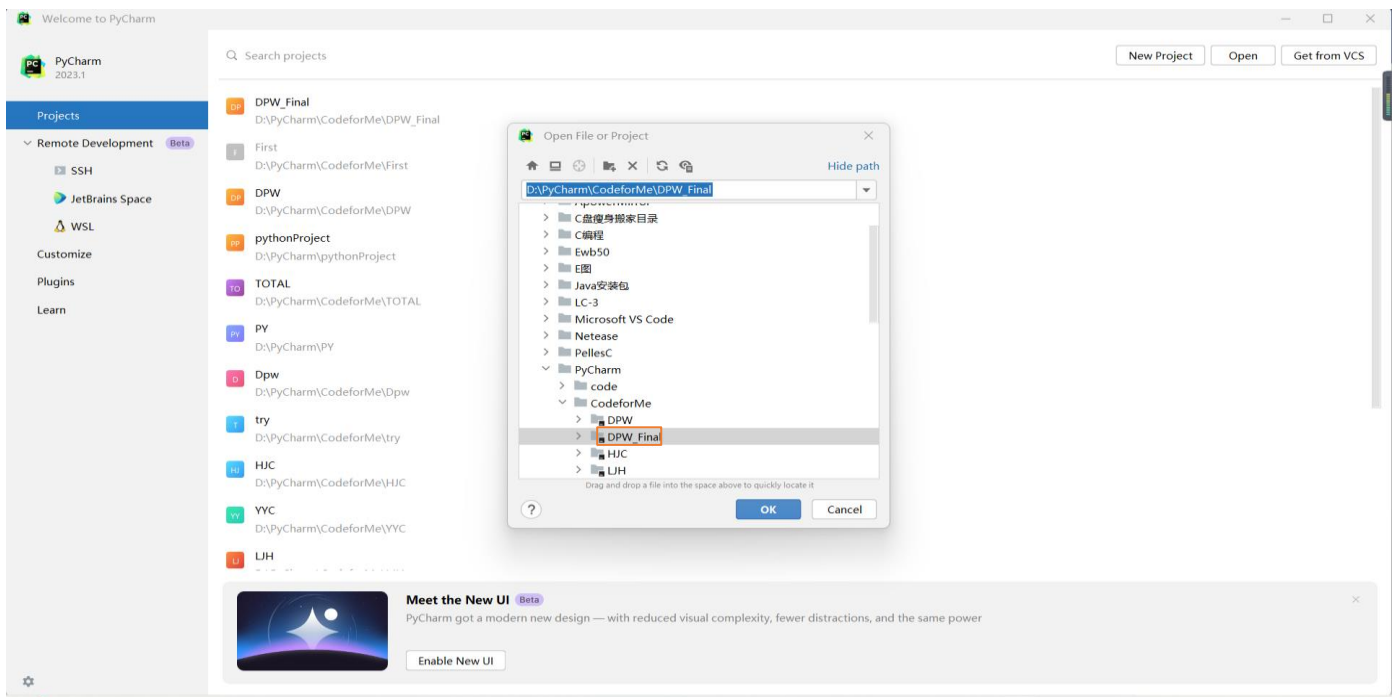
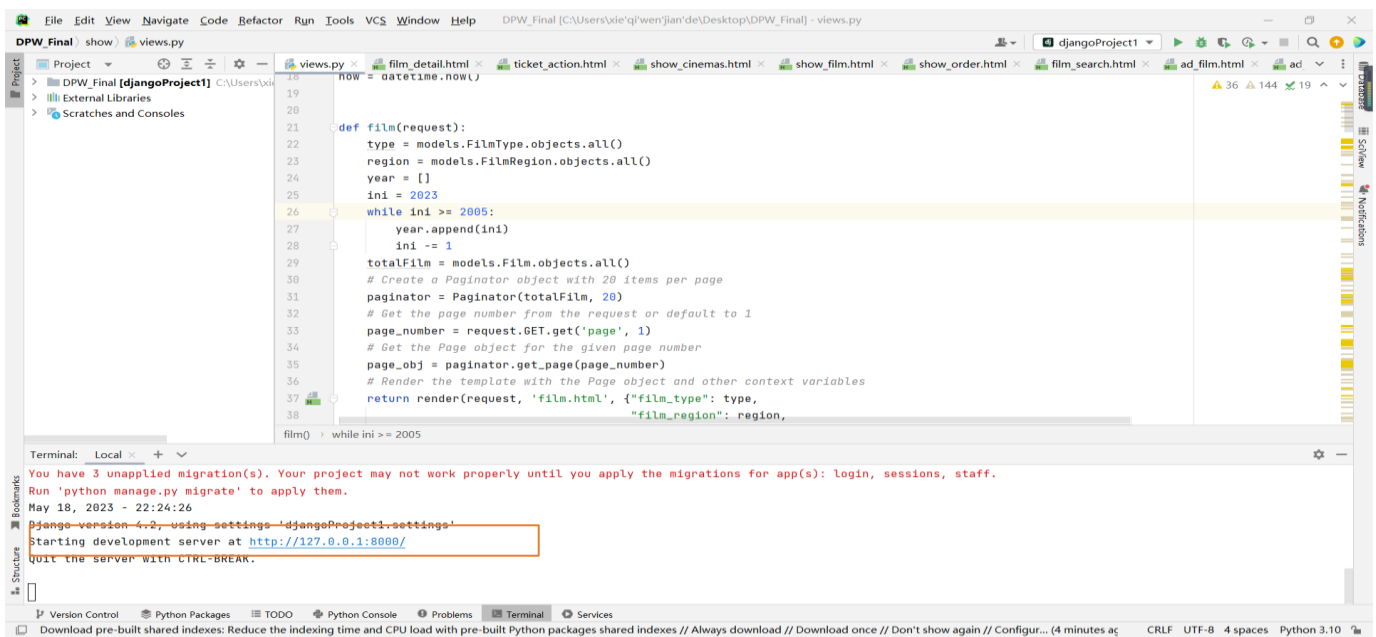3. Trust the project and set the Interpreter

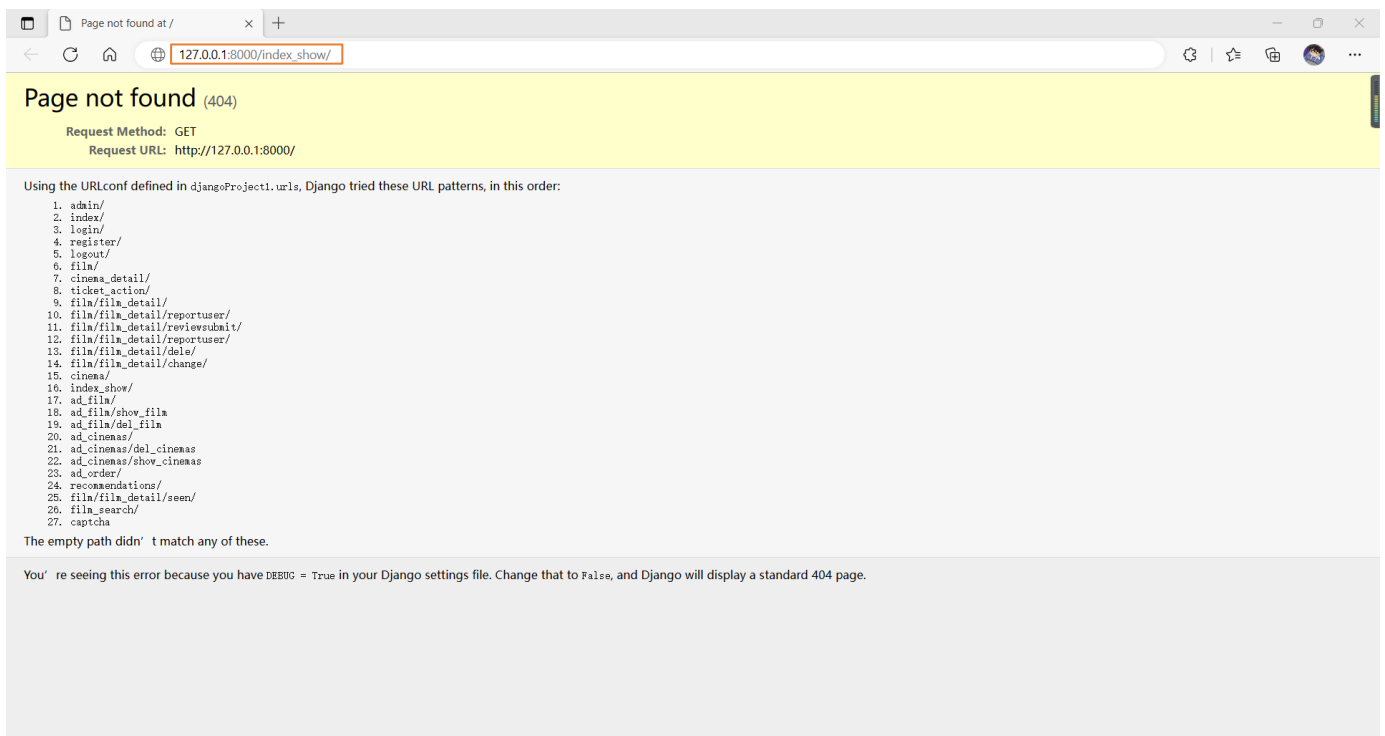## 4. Run the project: Click the terminal

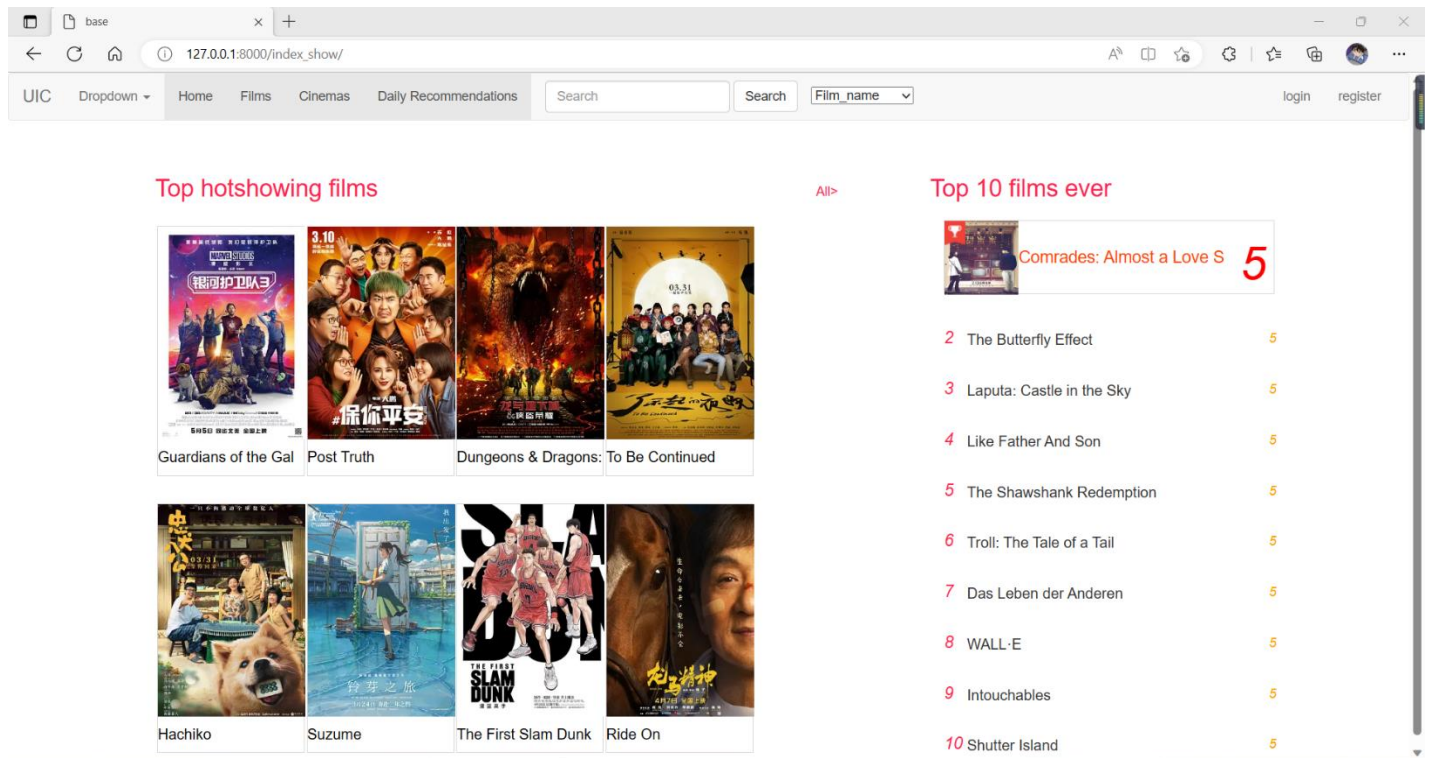## 5. Input python.py runserver

6. Open the browser and enter the website which has been shown in terminal

7. After enter the website, add the '/index_show/' at the end of the original website.

8. Then you will see the home page for our project

9. Login in a account

(1)If you want to login in a account, you can use this account:

Account: Cici

Password: 168076262

(2)If you want to use the administrate page:

Just add the '/ad_film/' at the end of the website shown in the terminal before