How to deploy!

1. We need to download the PyCharm Professional and install

   it: https://www.jetbrains.com/pycharm/download/#section=windows
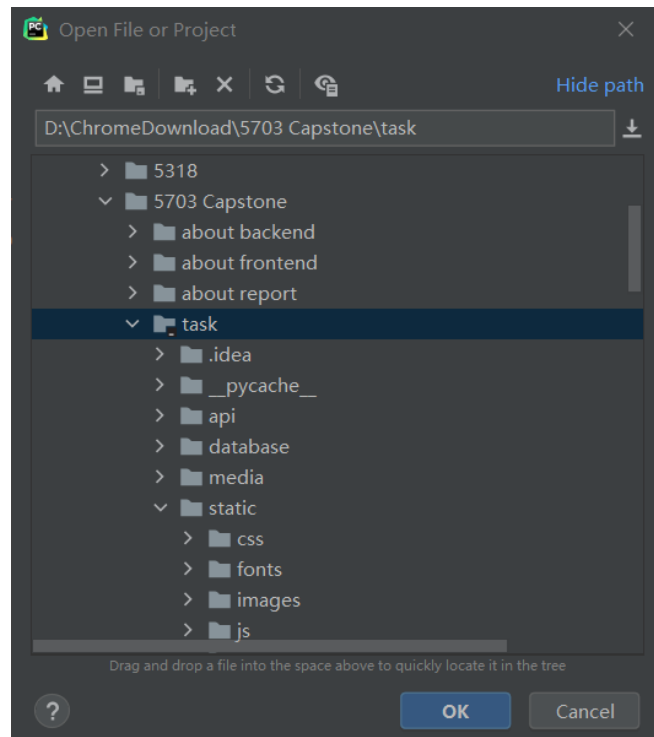
   ---Choose the Windows Mac Linux depend on your system.
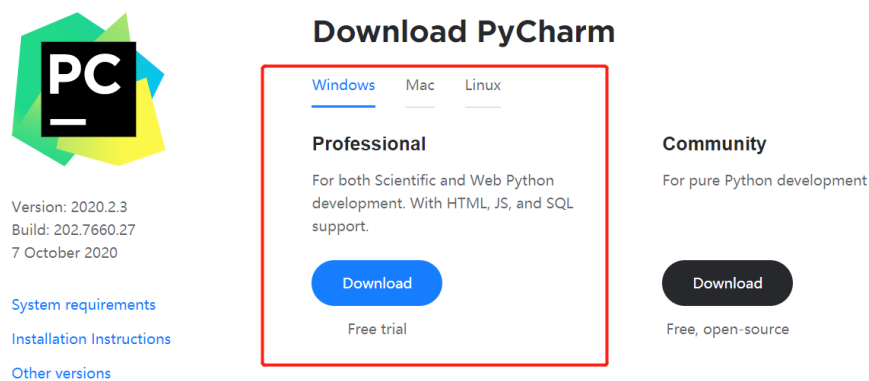
No special requirements, choose the next step to install the

PyCharm

2. Download the project main document from Github:

   https://github.com/ayumijac/capstone.git
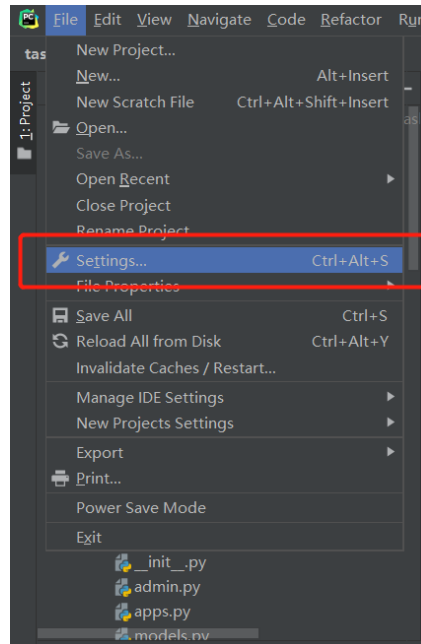   And Extract capstone.zip into a folder.

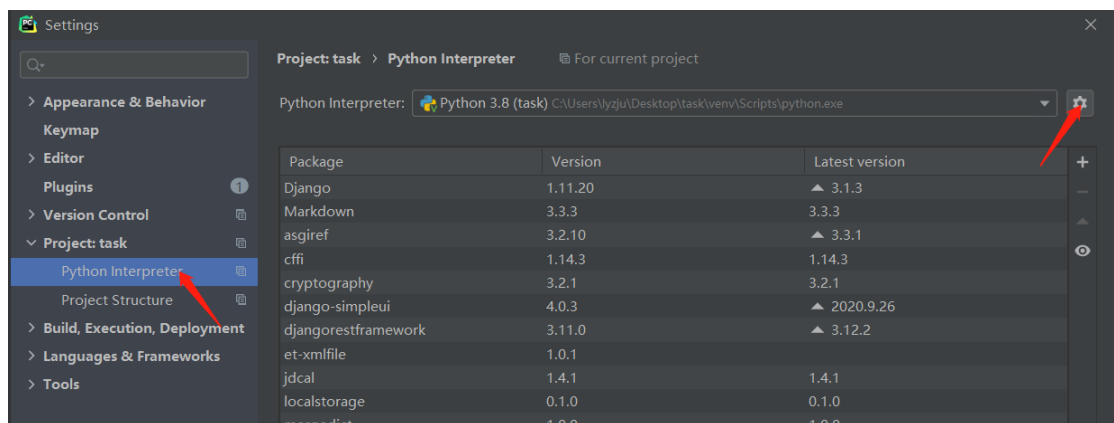3. Open the PyCharm and open the folder just extracted:

---The folder name could be anyone included 'task' in the figure.

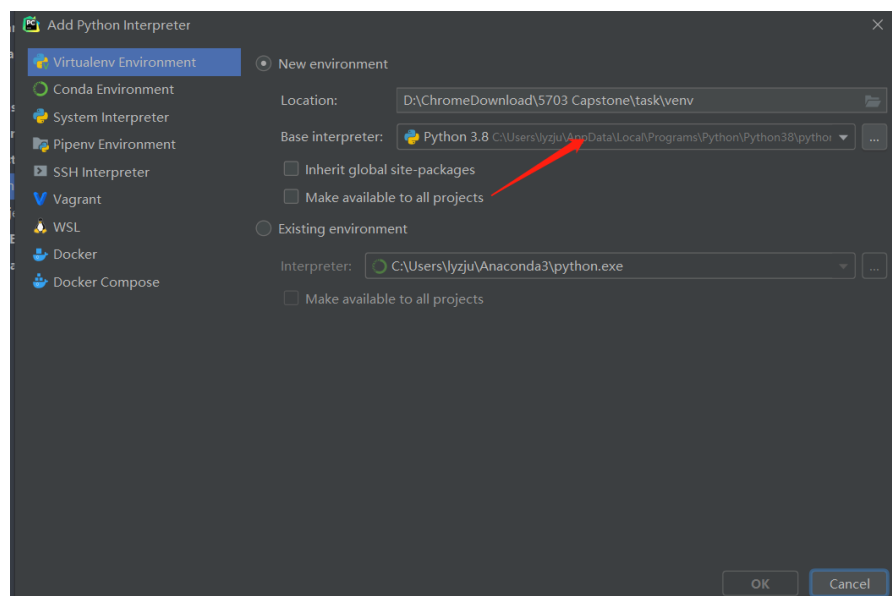4. Configure virtual environment, install python dependency package:
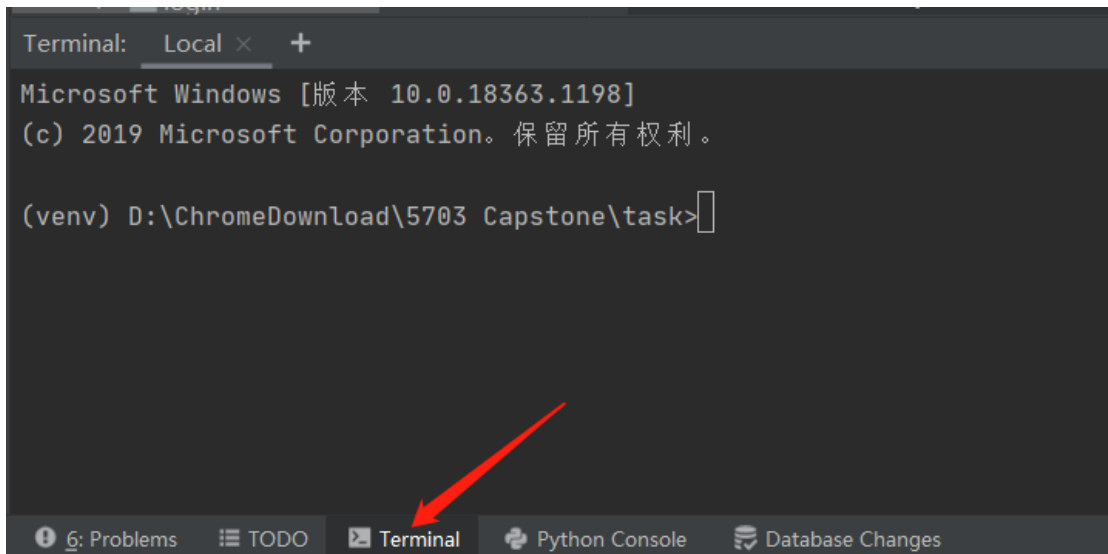
---File -> Settings

---Choose 'python Interpreter', and then click the "Settings" button on the right of the selection box, and then click "Add"

---Select the address of the python file in the 'base interpreter'. Then click 'ok'.

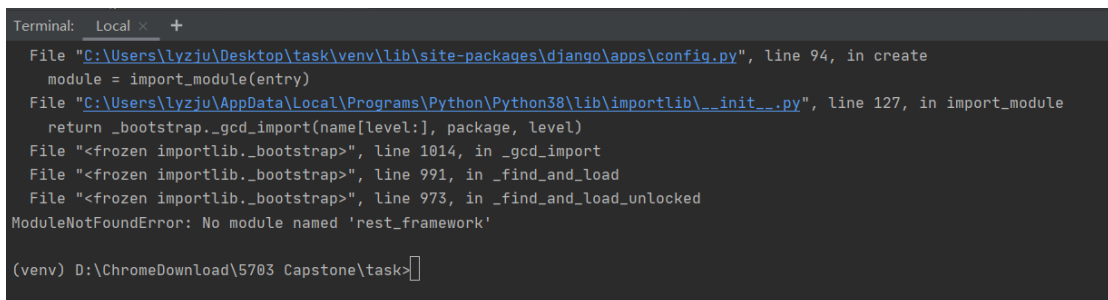---After the virtual environment installed, open the Terminal.

---The next step is to install various python packages. The following are the packages that must be installed. First install these packages in our virtual environment.

>pip install django==1.11.20 (must use this version)
>pip install djangorestframework==3.11.0 (restframework should be this version)
>pip install openpyxl
>pip install pandas

---After installing these packages, you can run
>python manage.py makemigrations
---If any module can not find like that :

---We should continue to add python packages, these listed packages maybe lost:
>pip install cryptography
>pip install pandas
>pip install xlwt
---You can install the newest released version of these python dependencies.
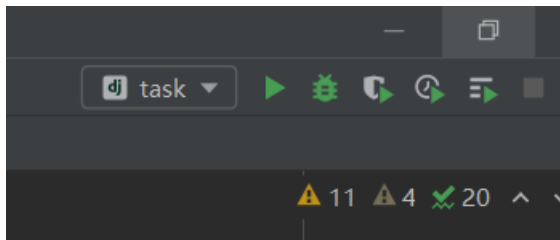---If success, the original table will migrate successfully.

---then we run
>python manage.py migrate
To migrate these tables to the database.

5. OK you can run our webpage

---click the "run" button

---If there is no red reminder character in the running box, it means you can open our project in browser
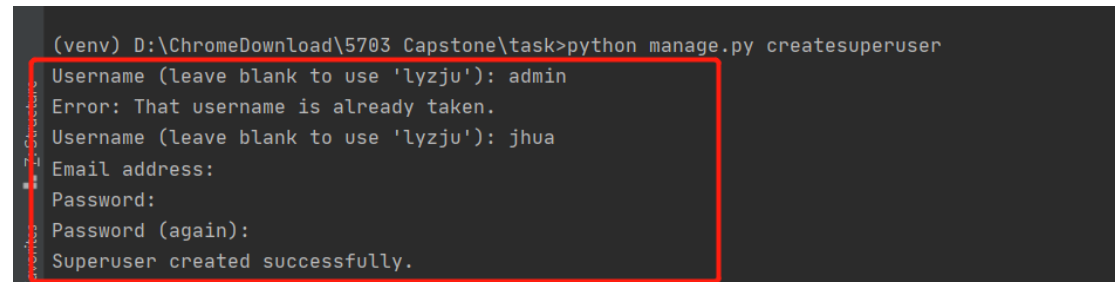
6. Create the superuser

---In the Terminal run the code like

>python manage.py createsuperuser

```
(venv) D:\ChromeDownload\5703 Capstone\task>python manage.py createsuperuser
Username (leave blank to use 'lyzju'): admin
Error: That username is already taken.
Username (leave blank to use 'lyzju'): jhua
Email address:
Password:
Password (again):
Superuser created successfully.
```

---The Email address can be ignored, and the password is hidden.

---The superuser can log into the admin backend system.