

1. First we need create folder and open it in pycharm.

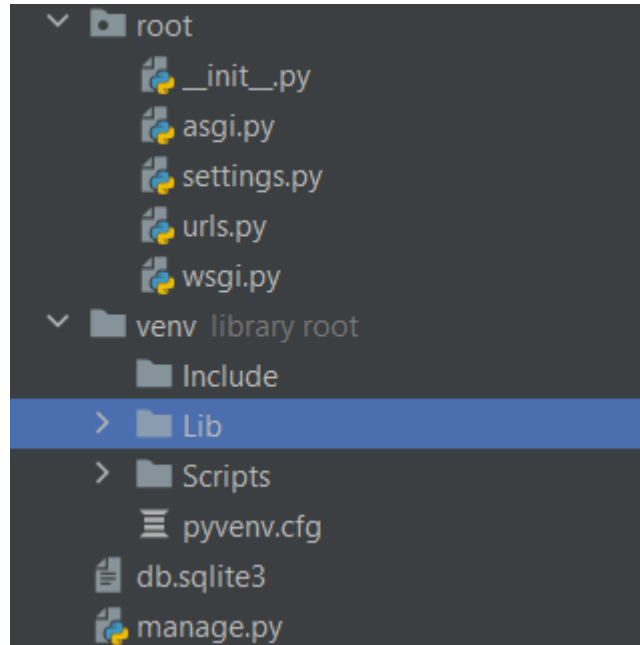
```
Установите последнюю версию PowerShell для новых функций и улучшения! https://aka.ms/PSWindows

PS C:\Users\aser\Desktop\first_django_project> py -m venv venv
PS C:\Users\aser\Desktop\first_django_project> .\venv\Scripts\activate
(venv) PS C:\Users\aser\Desktop\first_django_project> pip install django
Collecting django
  Obtaining dependency information for django from https://files.pythonhosted.org/packages/1d/23/02f3795a7119...
  Using cached Django-5.0.6-py3-none-any.whl.metadata (4.1 kB)
Collecting asgiref<4,>=3.7.0 (from django)
  Obtaining dependency information for asgiref<4,>=3.7.0 from https://files.pythonhosted.org/packages/39/e3/8...
  Using cached asgiref-3.8.1-py3-none-any.whl.metadata (9.3 kB)
Collecting sqlparse>=0.3.1 (from django)
  Obtaining dependency information for sqlparse>=0.3.1 from https://files.pythonhosted.org/packages/43/5d/a0f...
  Using cached sqlparse-0.5.0-py3-none-any.whl.metadata (3.9 kB)
Collecting tzdata (from django)
  Obtaining dependency information for tzdata from https://files.pythonhosted.org/packages/65/58/f9c9e6be752e...
  Using cached tzdata-2024.1-py2.py3-none-any.whl.metadata (1.4 kB)
Using cached Django-5.0.6-py3-none-any.whl (8.2 MB)
Using cached asgiref-3.8.1-py3-none-any.whl (23 kB)
Using cached sqlparse-0.5.0-py3-none-any.whl (43 kB)
Using cached tzdata-2024.1-py2.py3-none-any.whl (345 kB)
Installing collected packages: tzdata, sqlparse, asgiref, django
```

2. After that, we should create our venv, activate it, and install Django library to our venv with command “pip install Django”

```
(venv) PS C:\Users\aser\Desktop\first_django_project> django-admin startproject root .
```

3. And we should start our first project with command 'django-admin startproject project_name'



4. After starting our project we can see created package in our folder with our project name, and it has some python files.

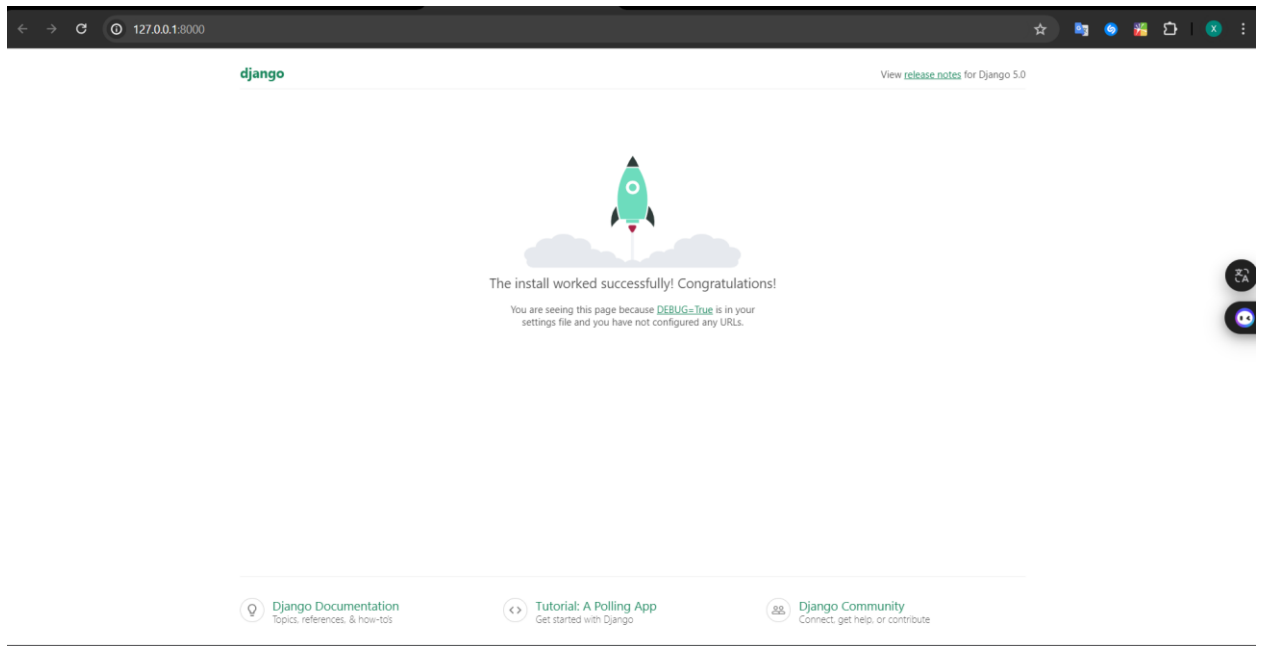
```
(venv) PS C:\Users\asr\Desktop\first_django_project> py .\manage.py runserver
```

5. And after that we should run this project.

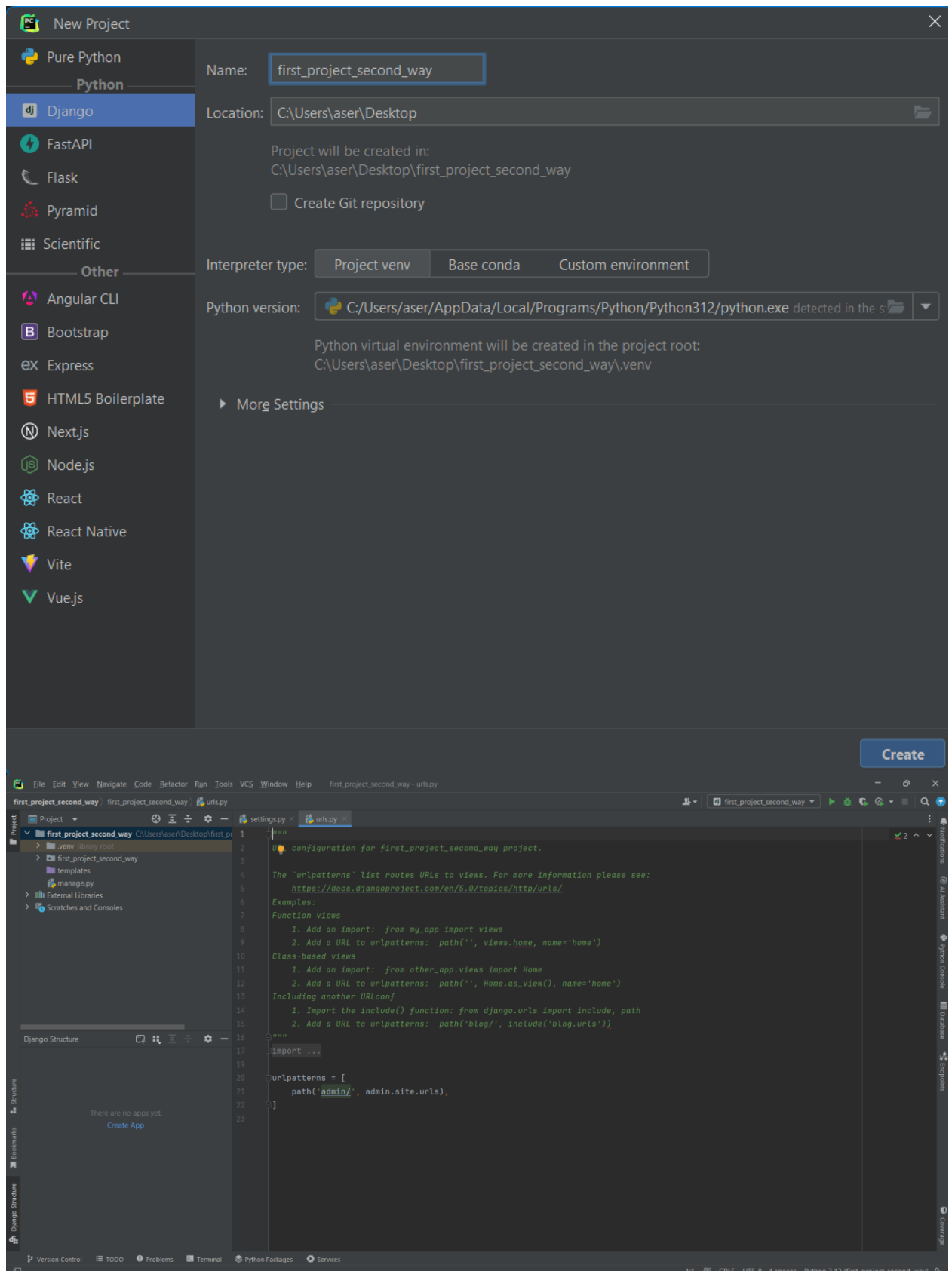
```
System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.
June 06, 2024 - 14:41:23
Django version 5.0.6, using settings 'root.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

6. After running it give to us host, which we can see our project in browser



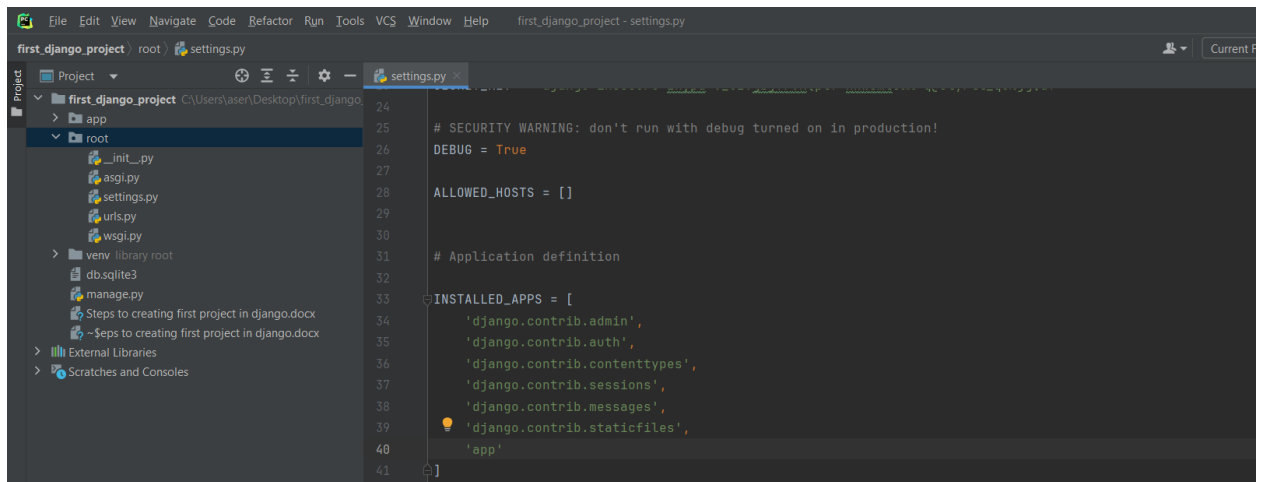
7. And it's result of our work



8. This is the second way of creating Django project, in this way pycharm automatically creates venv, and install Django library, and starts project with folder name, it's giving the same result as first way.

```
(venv) PS C:\Users\user\Desktop\first_django_project> py .\manage.py startapp app
```

9. With this command we create app for our project



10. As the result we can see creating new app in our project with own python files.