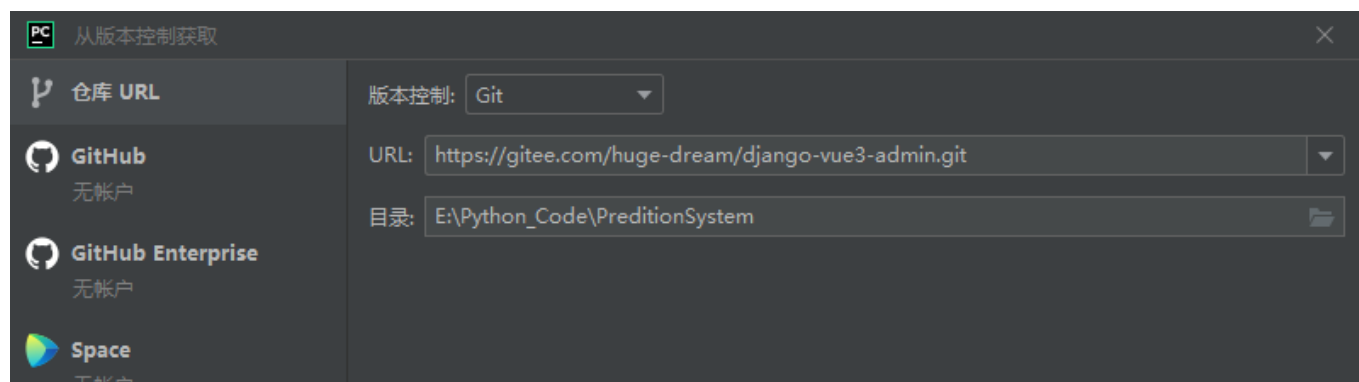
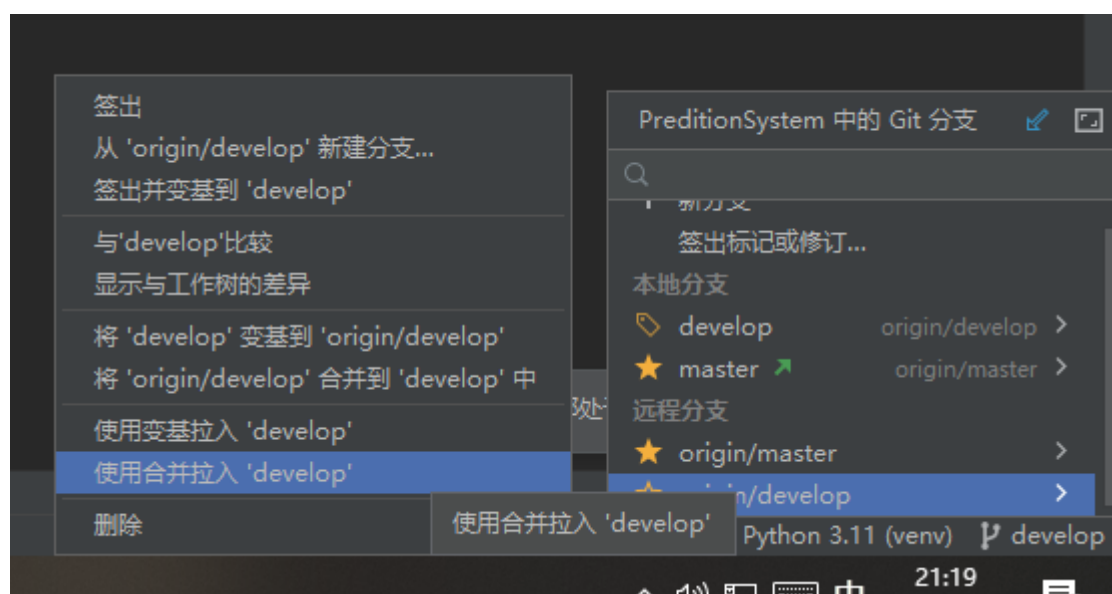


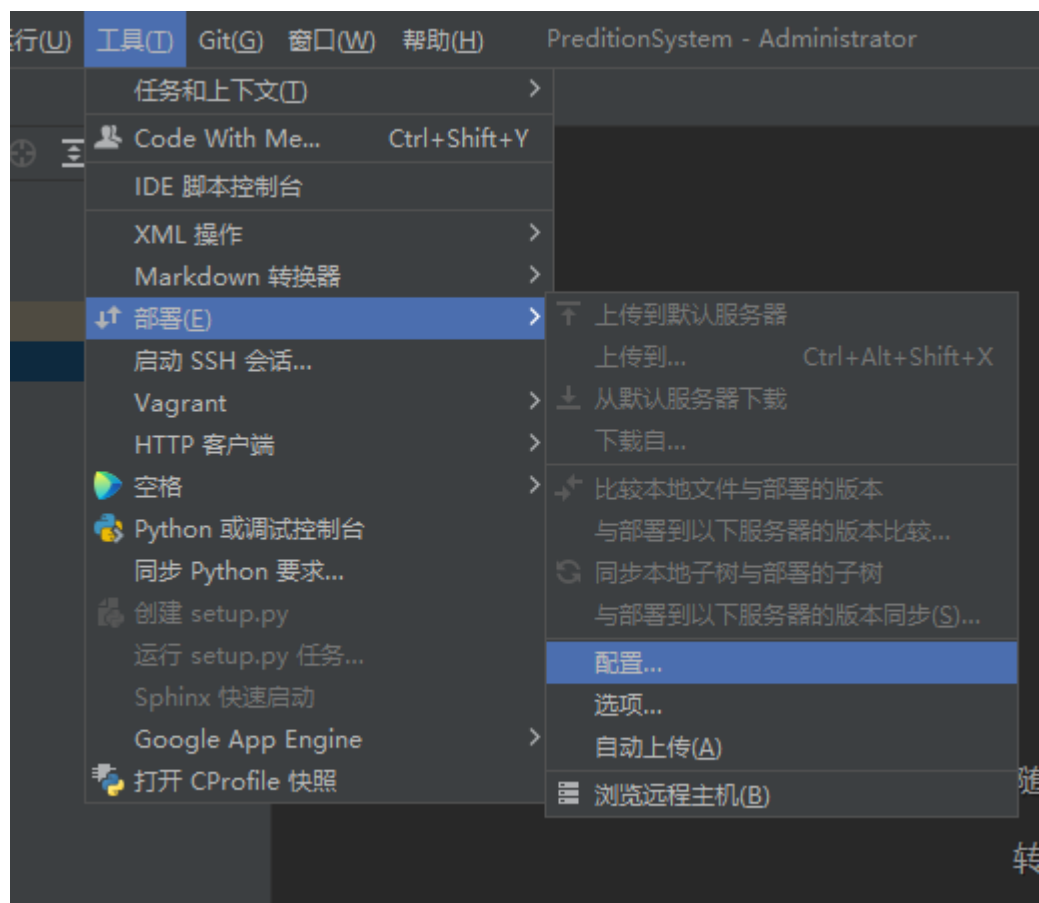
Django-vue3-admin项目部署



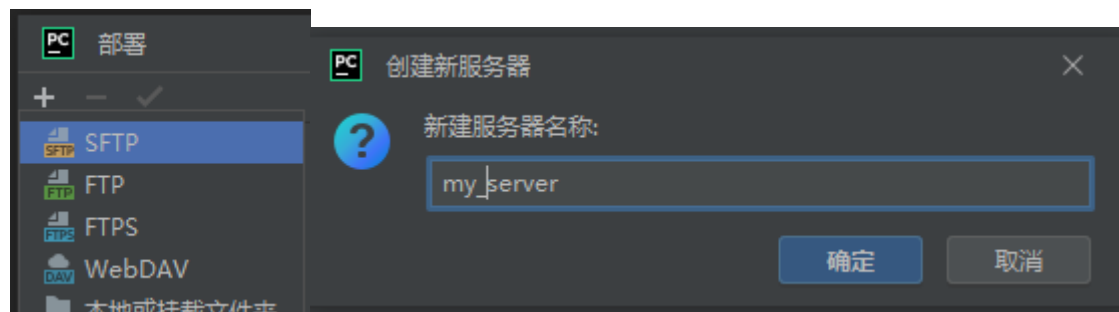
在pycharm中通过git导入远程项目



进入项目后，在右下角将分支切换到dev分支



进入工具——部署——配置



创建新的服务器

```
管理员: 命令提示符
C:\Users\Administrator>ipconfig

Windows IP 配置

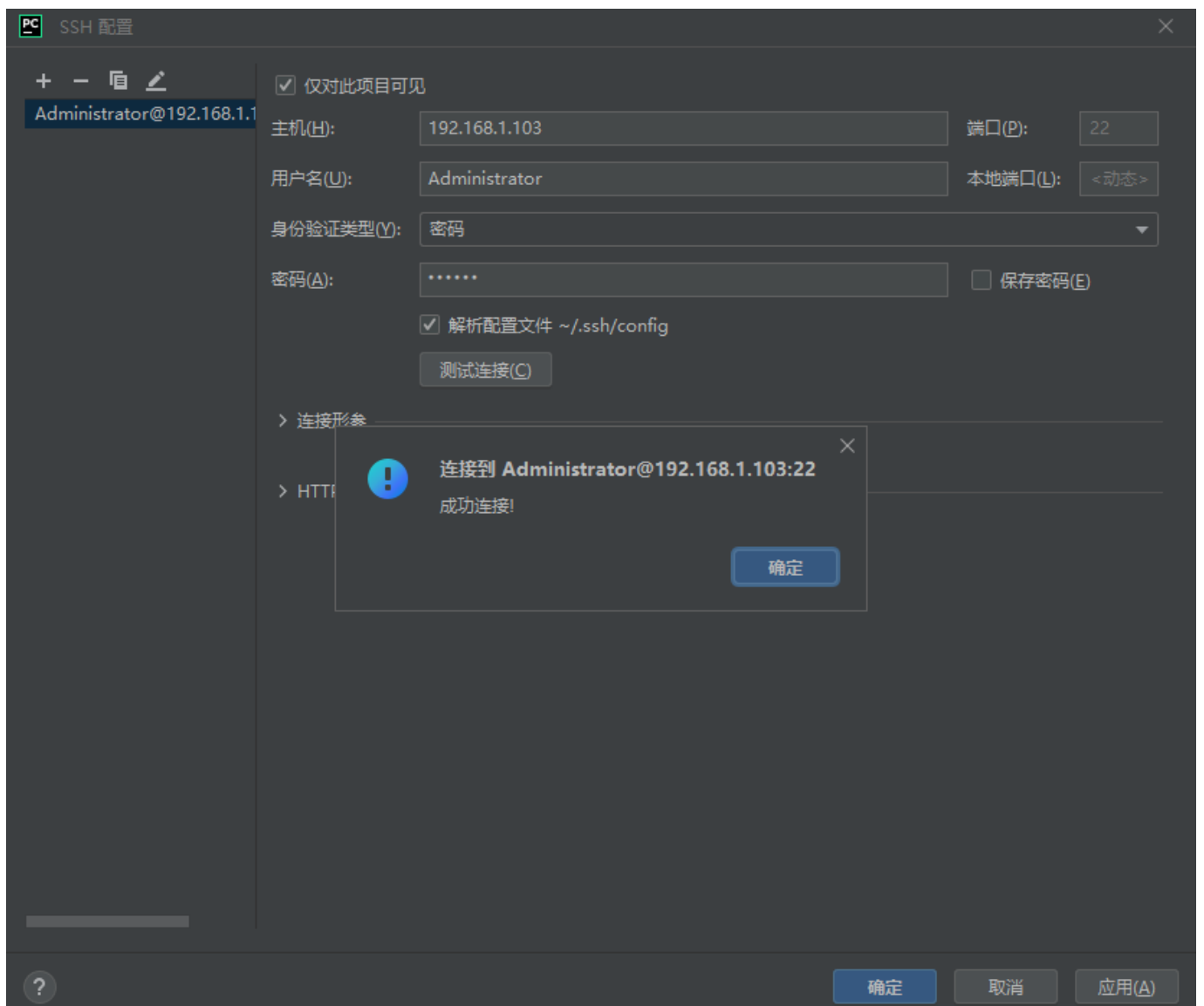
以太网适配器 以太网:

    连接特定的 DNS 后缀 . . . . . : 
    本地链接 IPv6 地址. . . . . : fe80::54f3:5e27:ec7e:1b94%5
    IPv4 地址 . . . . . : 192.168.1.103
    子网掩码 . . . . . : 255.255.255.0
    默认网关. . . . . : 192.168.1.1

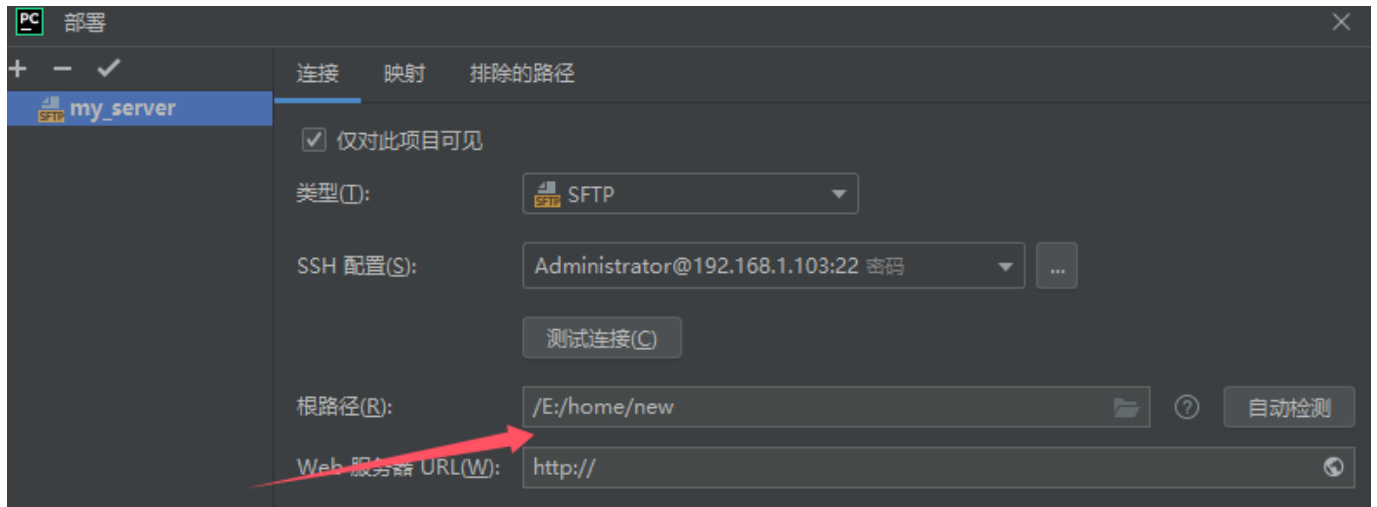
以太网适配器 VMware Network Adapter VMnet1:

    连接特定的 DNS 后缀 . . . . . : 
    本地链接 IPv6 地址. . . . . : fe80::a6ea:1e7f:be2a:7d85%15
    IPv4 地址 . . . . . : 192.168.138.1
    子网掩码 . . . . . : 255.255.255.0
    默认网关. . . . . : 

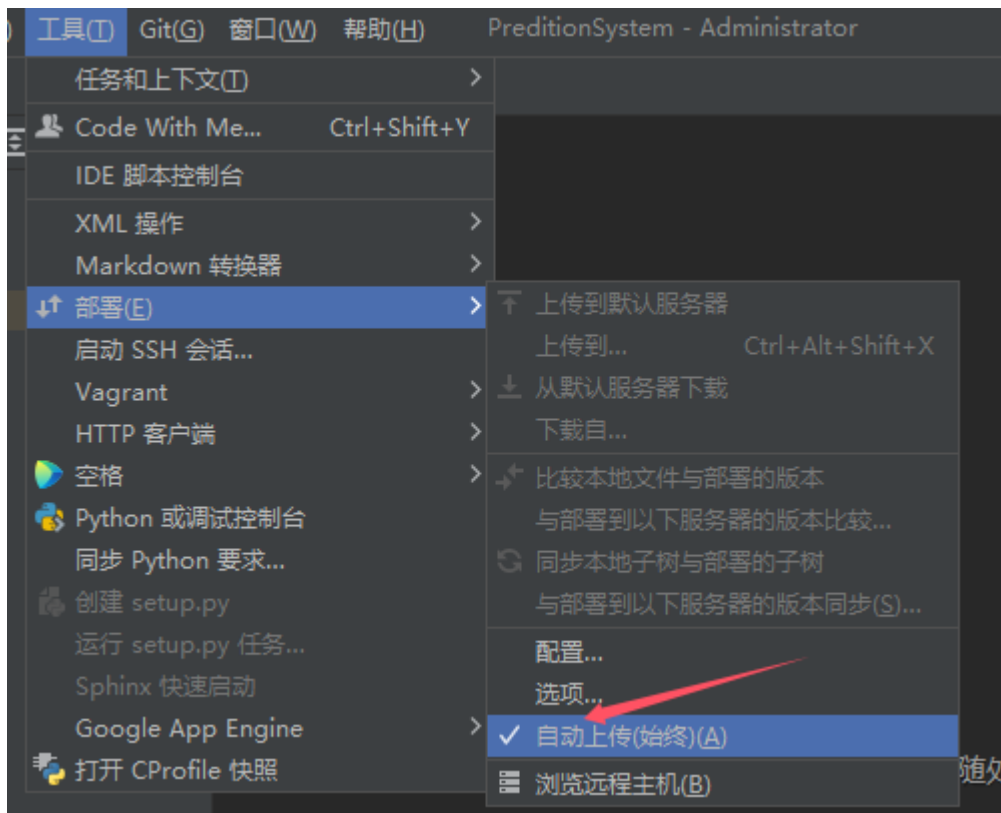
以太网适配器 VMware Network Adapter VMnet8:
```



通过本机命令行输入ipconfig查询本机ip地址，配置ssh服务连接，密码为本机的开机密码



根目录和映射的本地路径相同



勾选自动上传

```
PS E:\Python_Code\PreditionSystem> cd .\backend\  
PS E:\Python_Code\PreditionSystem\backend> python -m pip install -i https://pypi.tuna.tsinghua.edu.cn/simple --upgrade pip
```

```
python -m pip install -i https://pypi.tuna.tsinghua.edu.cn/simple --upgrade pip
```

将pip更新到最新版本

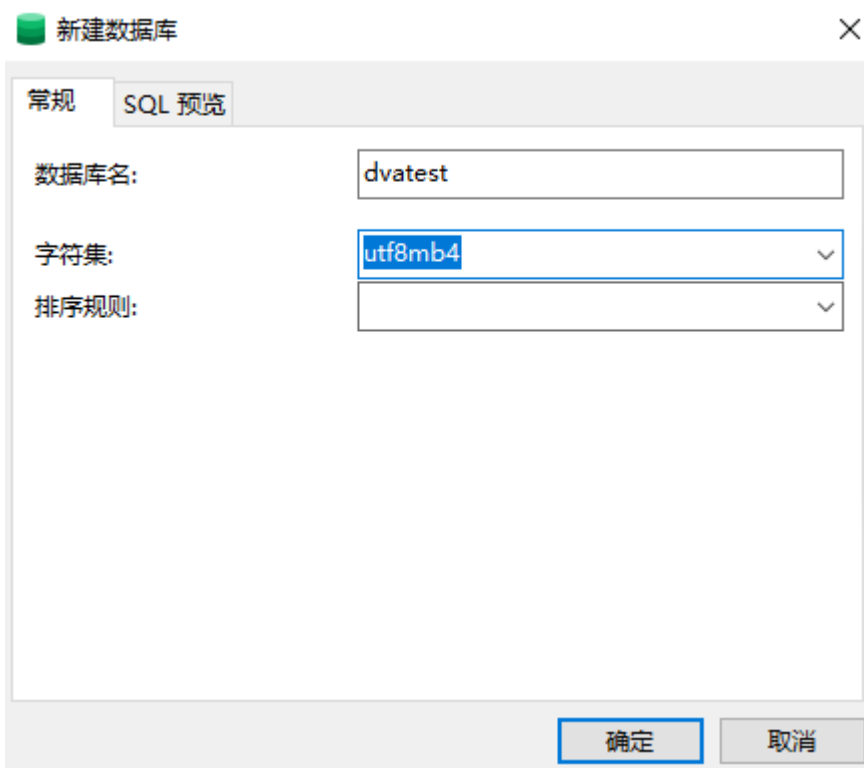
```
Successfully installed pip-25.1.1  
PS E:\Python_Code\PreditionSystem\backend> pip config set global.index-url https://pypi.tuna.tsinghua.edu.cn/simple  
Writing to C:\Users\Administrator\AppData\Roaming\pip\pip.ini
```

```
pip config set global.index-url https://pypi.tuna.tsinghua.edu.cn/simple
```

将源换为清华源，加速下载



将conf中的env.example.py复制为env.py



新建一个dvatest数据库

```

7  # ===== #
8  # 数据库 ENGINE ，默认演示使用 sqlite3 数据库，正式环境建议使
9  # sqlite3 设置
10 # DATABASE_ENGINE = "django.db.backends.sqlite3"
11 # DATABASE_NAME = os.path.join(BASE_DIR, "db.sqlite3")
12
13 # 使用mysql时，改为此配置
14 DATABASE_ENGINE = "django.db.backends.mysql"
15 DATABASE_NAME = 'dvatest' # mysql 时使用
16
17 # 数据库地址 改为自己的数据库地址
18 DATABASE_HOST = '127.0.0.1'
19 # 数据库端口
20 DATABASE_PORT = 3306
21 # 数据库用户名
22 DATABASE_USER = "root"
23 # 数据库密码
24 DATABASE_PASSWORD = '123456'
25
26 # 表前缀
27 TABLE_PREFIX = "dvadmin "

```

将env.py中的数据库配置改为自己的

```

PS E:\Python_Code\PreditionSystem\venv\Scripts> Get-ExecutionPolicy
Restricted

```

Get-ExecutionPolicy

在终端输入上述命令查看脚本是否被禁用，Restricted表示被禁用

```

PS E:\Python_Code\PreditionSystem\venv\Scripts> Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass
PS E:\Python_Code\PreditionSystem\venv\Scripts> Get-ExecutionPolicy
Bypass

```

Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass

// 永久激活

Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope LocalMachine

上述命令激活脚本，Bypass表示启用脚本

```
终端: 本地 > + v
(venv) PS E:\Python_Code\PreditionSystem\backend> pip install -r .\requirements.txt
Looking in indexes: https://pypi.tuna.tsinghua.edu.cn/simple
Collecting Django==4.2.14
  Downloading https://pypi.tuna.tsinghua.edu.cn/packages/70/be/04a395243beed12454c0b9652686f9e8abf11d57ba23213e5bcabdceb7a6/Django-4.2.14-py3-none-any.whl (8.0 MB)
    | 7.3 MB 1.1 MB/s eta 0:00:01
```

```
pip install -r .\requirements.txt
```

进入Backend目录,执行上述命令开始下载对应依赖包

```
(venv) PS E:\Python_Code\PreditionSystem\backend> E:\Python_Code\PreditionSystem\venv\Scripts\python.exe E:/Python_Code/PreditionSystem/backend/manage.py runserver localhost:8000
[2025-05-23 14:52:59][django.utils.autoreload.run_with_reloader():668] [INFO] Watching for file changes with StatReloader
Performing system checks...

请先进行数据库迁移！
请先进行数据库迁移！
System check identified no issues (0 silenced).

You have 38 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): auth, captcha, contenttypes, django_celery_beat, sessions.
Run 'python manage.py migrate' to apply them.
```

```
E:\Python_Code\PreditionSystem\venv\Scripts\python.exe
E:/Python_Code/PreditionSystem/backend/manage.py runserver localhost:8000
```

```
python manage.py runserver localhost:8080
```

上述语句进行运行

上述两个语句都可以启用后端，检查是否有依赖包导入错误的问题

```
PS E:\Python_Code\PreditionSystem\backend> python manage.py makemigrations
请先进行数据库迁移！
请先进行数据库迁移！
Migrations for 'django_celery_results':
  E:\python解释器\Python-3.11.3\Lib\site-packages\django_celery_results\migrations\0001_initial.py
    - Create model ChordCounter
    - Create model TaskResult
    - Create model GroupResult
Migrations for 'system':
  dvadmin\system\migrations\0001_initial.py
    - Create model Users
    - Create model Dept
    - Create model Menu
```

```
PS E:\Python_Code\PreditionSystem\backend> python manage.py migrate
请先进行数据库迁移！
请先进行数据库迁移！
Operations to perform:
  Apply all migrations: auth, captcha, contenttypes, django_celery_beat, django_celery_results, sessions, system
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0001_initial... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
```

```
python manage.py makemigrations
python manage.py migrate
```

执行上述命令进行数据库迁移

127.0.0.1
dvatest
表

对象

打开表 设计表 新建表 删除表 导入向导 导出向导

名	自动递增值	修改日期	数据长度	引擎	行	注释
auth_group	1		16 KB	InnoDB	0	
auth_group_permissions	1		16 KB	InnoDB	0	
auth_permission	137	2025-05-23 15:02:58	16 KB	InnoDB	136	
captcha_captchastore	0		16 KB	InnoDB	0	
django_celery_beat_clockedschedule	1		16 KB	InnoDB	0	
django_celery_beat_crontabschedule	1		16 KB	InnoDB	0	
django_celery_beat_intervalschedule	0		16 KB	InnoDB	0	
django_celery_beat_periodictask	1		16 KB	InnoDB	0	
django_celery_beat_periodictasks	0		16 KB	InnoDB	0	
django_celery_beat_solarschedule	1		16 KB	InnoDB	0	
django_celery_results_chordcounter	0		16 KB	InnoDB	0	
django_celery_results_groupresult	1		16 KB	InnoDB	0	
django_celery_results_taskresult	1		16 KB	InnoDB	0	
django_content_type	35	2025-05-23 15:02:58	16 KB	InnoDB	34	

数据库会有相应数据生成

```
Applying system.0001_initial... OK
PS E:\Python_Code\PreditionSystem\backend> python manage.py init
[dvadmin.system][dept]初始化完成
[dvadmin.system][role]初始化完成
[dvadmin.system][users]初始化完成
[dvadmin.system][menu]初始化完成
[dvadmin.system][rolemenupermission]初始化完成
[dvadmin.system][rolemenubuttonpermission]初始化完成
[dvadmin.system][apiwhitelist]初始化完成
[dvadmin.system][dictionary]初始化完成
[dvadmin.system][systemconfig]初始化完成
[dvadmin3_celery][menu]初始化完成
初始化数据完成！
```



```
python manage.py init
```

执行上述初始化命令

```
PS E:\Python_Code\PreditionSystem\backend> python manage.py init_area
正在准备初始化省份数据...
省份数据初始化数据完成！
```

```
python manage.py init_area
```

执行上述命令初始化省份数据

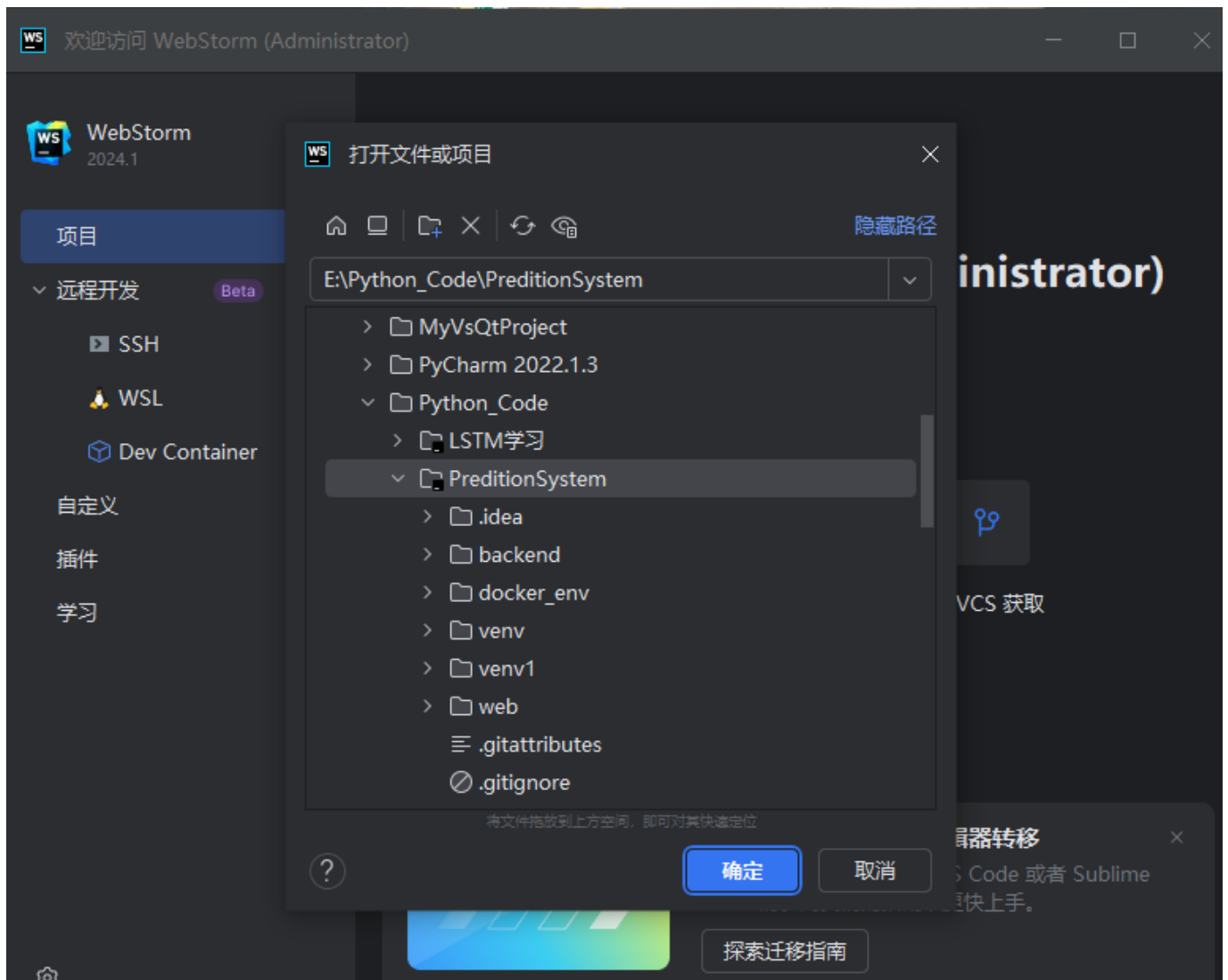
```
(venv) PS E:\Python_Code\PreditionSystem\backend> python manage.py runserver 0.0.0.0:8000
[2025-05-23 15:12:19][django.utils.autoreload.run_with_reloader():668] [INFO] Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
May 23, 2025 - 15:12:21
Django version 4.2.14, using settings 'application.settings'
Starting development server at http://0.0.0.0:8000/
Quit the server with CTRL-BREAK.
```

```
python manage.py runserver 0.0.0.0:8000
```

执行上述命令启动后端

前端环境搭建



进入WebStorm，打开项目目录

```
PS E:\Python_Code\PreditionSystem> cd .\web\  
PS E:\Python_Code\PreditionSystem\web> npm config set registry https://registry.npmmirror.com
```

```
npm config set registry https://registry.npmmirror.com
```

进入web目录，执行换源操作

```
PS E:\Python_Code\PreditionSystem\web> npm install yarn  
  
added 1 package in 1s  
  
138 packages are looking for funding  
run `npm fund` for details
```

```
npm install yarn
```

执行上述命令安装yarn

```
npm install @typescript-eslint/parser@latest @typescript-eslint/eslint-plugin@latest -  
-save-dev
```

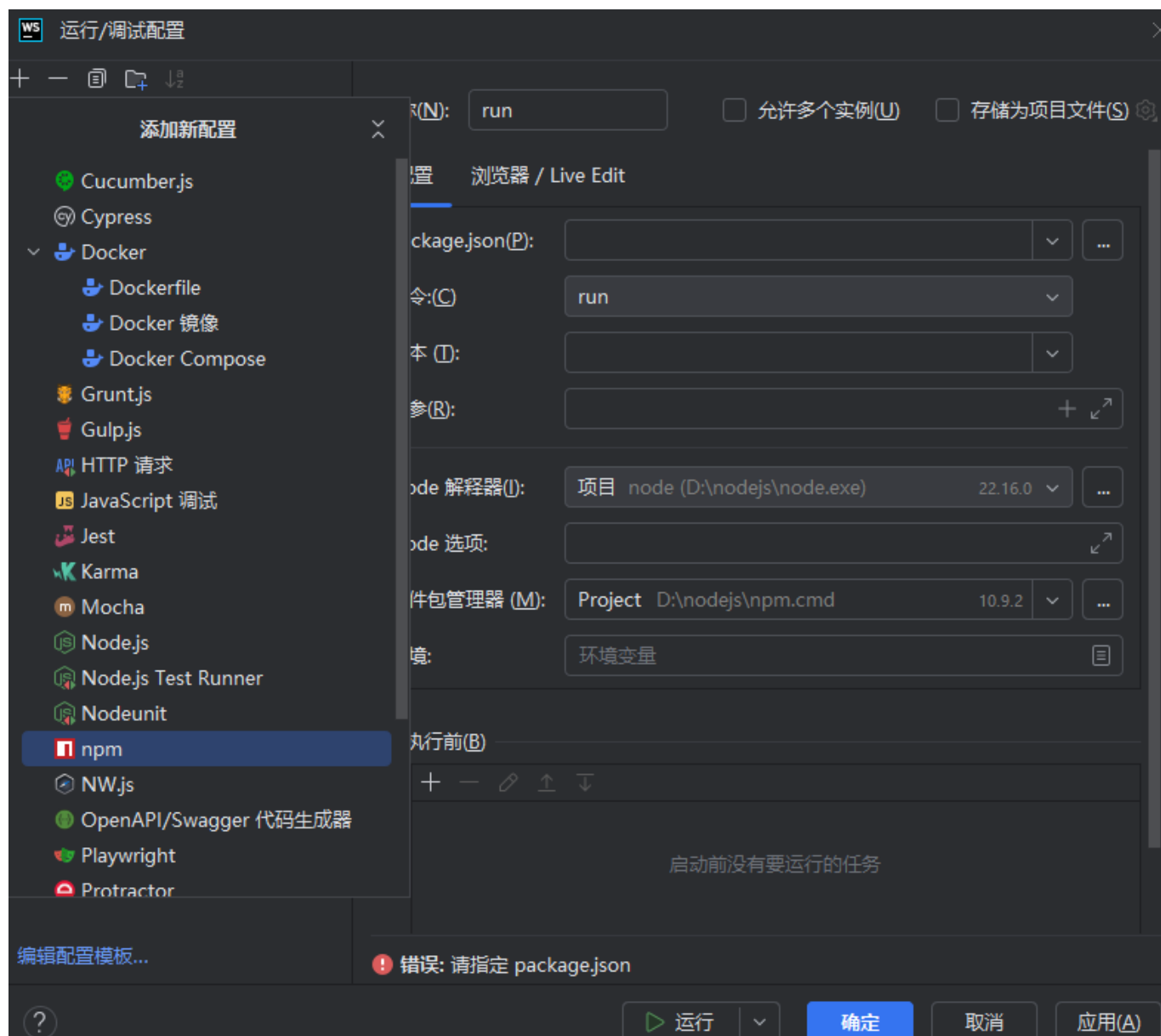
中间可能报错 `eslint` 和 `@typescript-eslint/parser` 版本不兼容，执行上述命令升级 `@typescript-eslint` 相关包即可

```
PS E:\Python_Code\PreditionSystem\web> yarn -v  
1.22.22
```

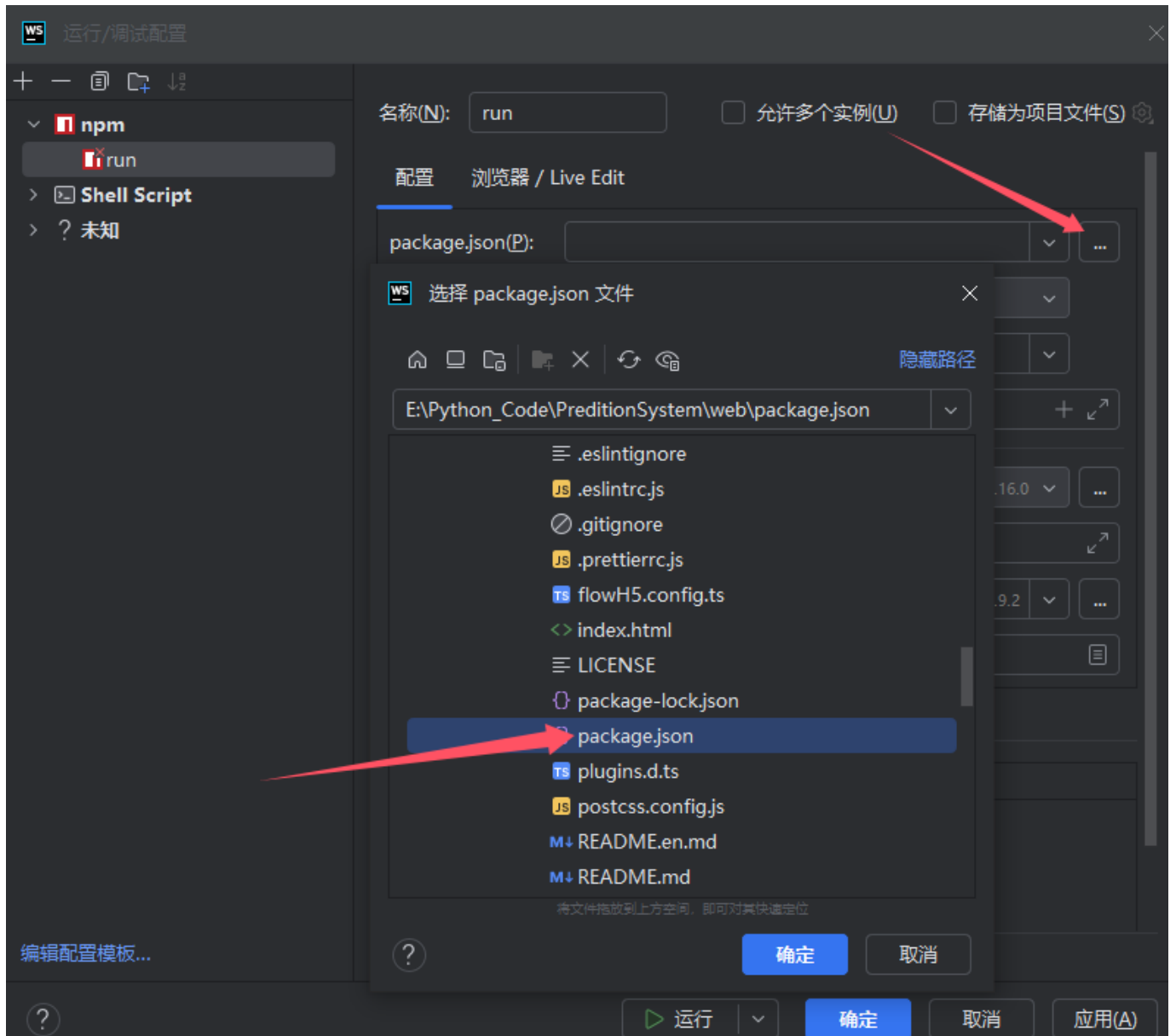
查看yarn版本，没报错表示安装成功

```
PS E:\Python_Code\PreditionSystem\web> yarn  
yarn install v1.22.22  
info No lockfile found.  
warning package-lock.json found. Your project contains lock files generated by tools other than  
yarn. This can lead to resolution inconsistencies caused by unsynchronized lock files. To clear this warning,  
run yarn install --force.  
[1/5] Validating package.json...  
[2/5] Resolving packages...
```

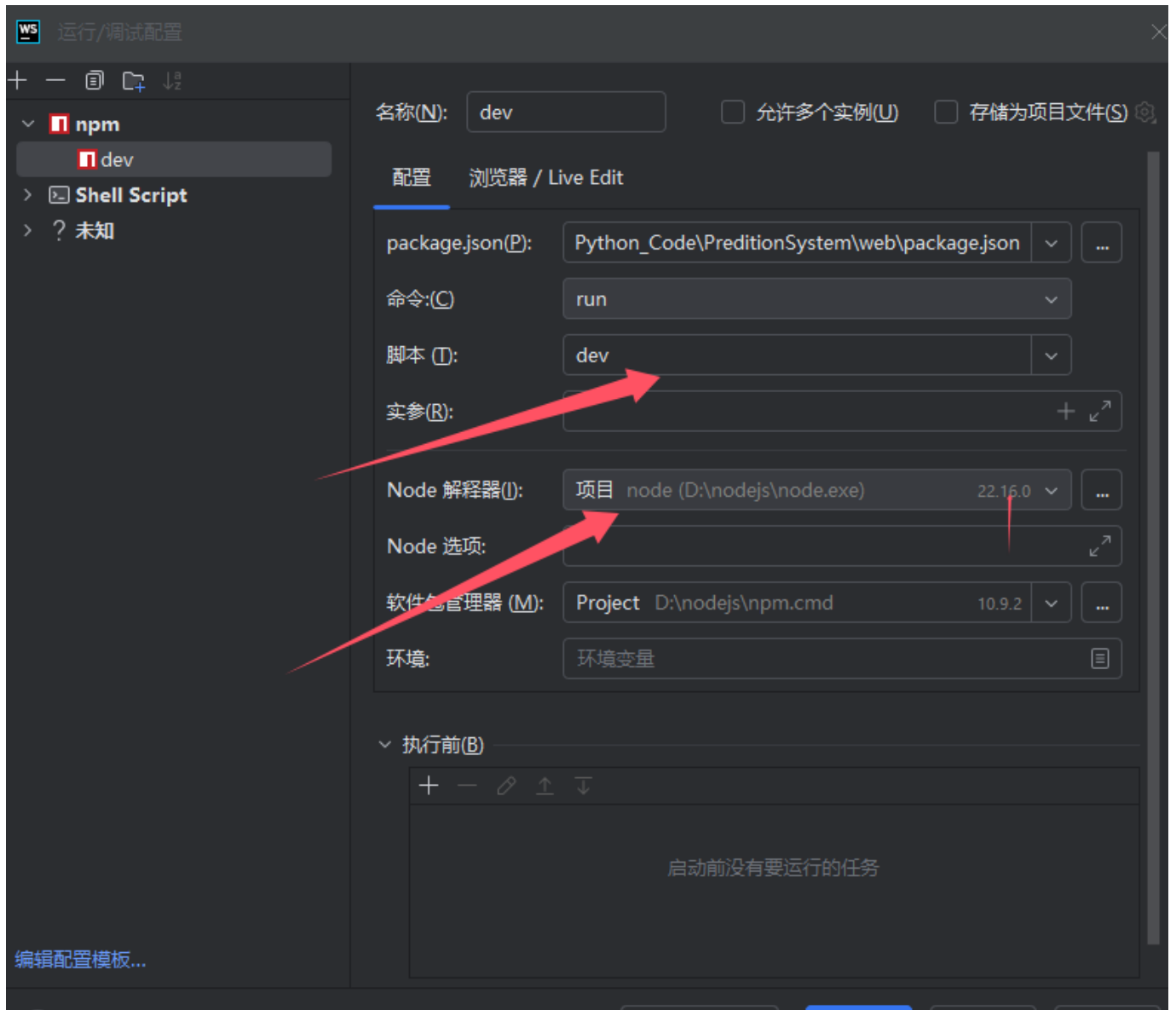
执行yarn，会自动收集和安装所需要的依赖包



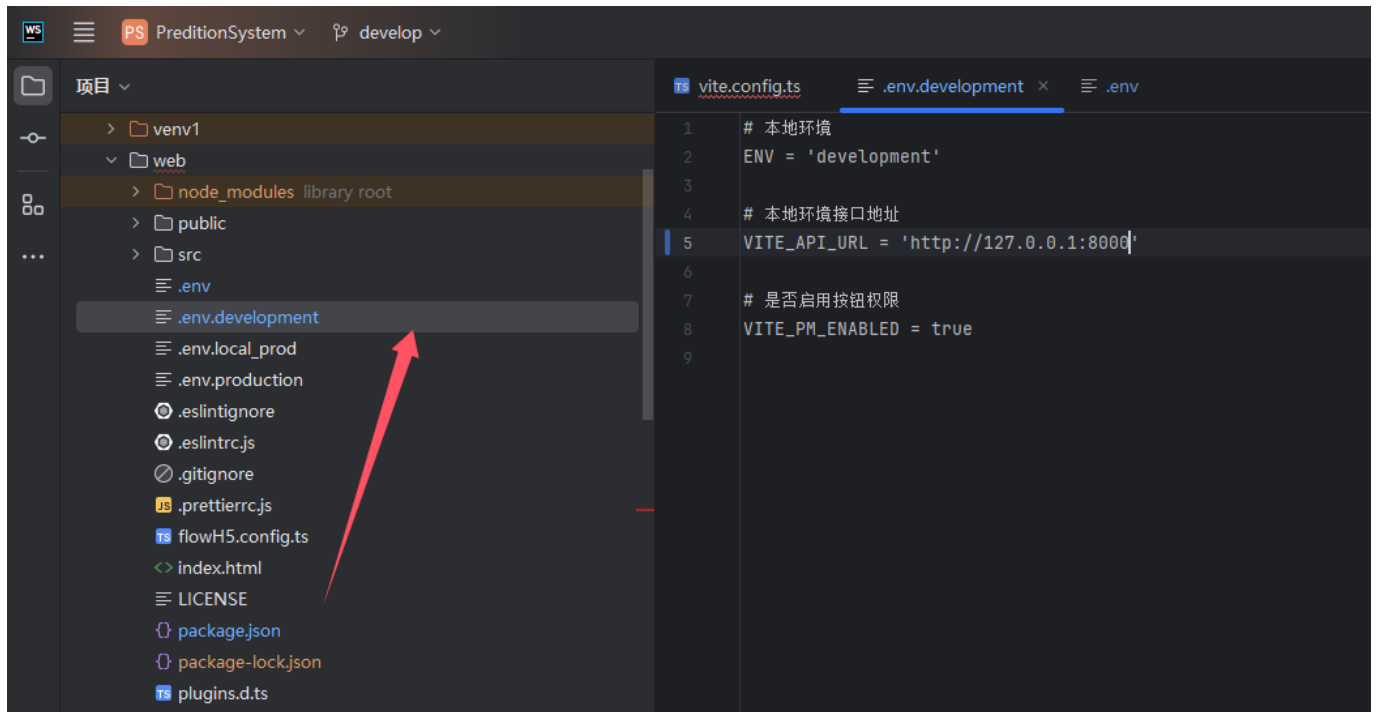
进入编辑配置，选择npm启动项，配置启动



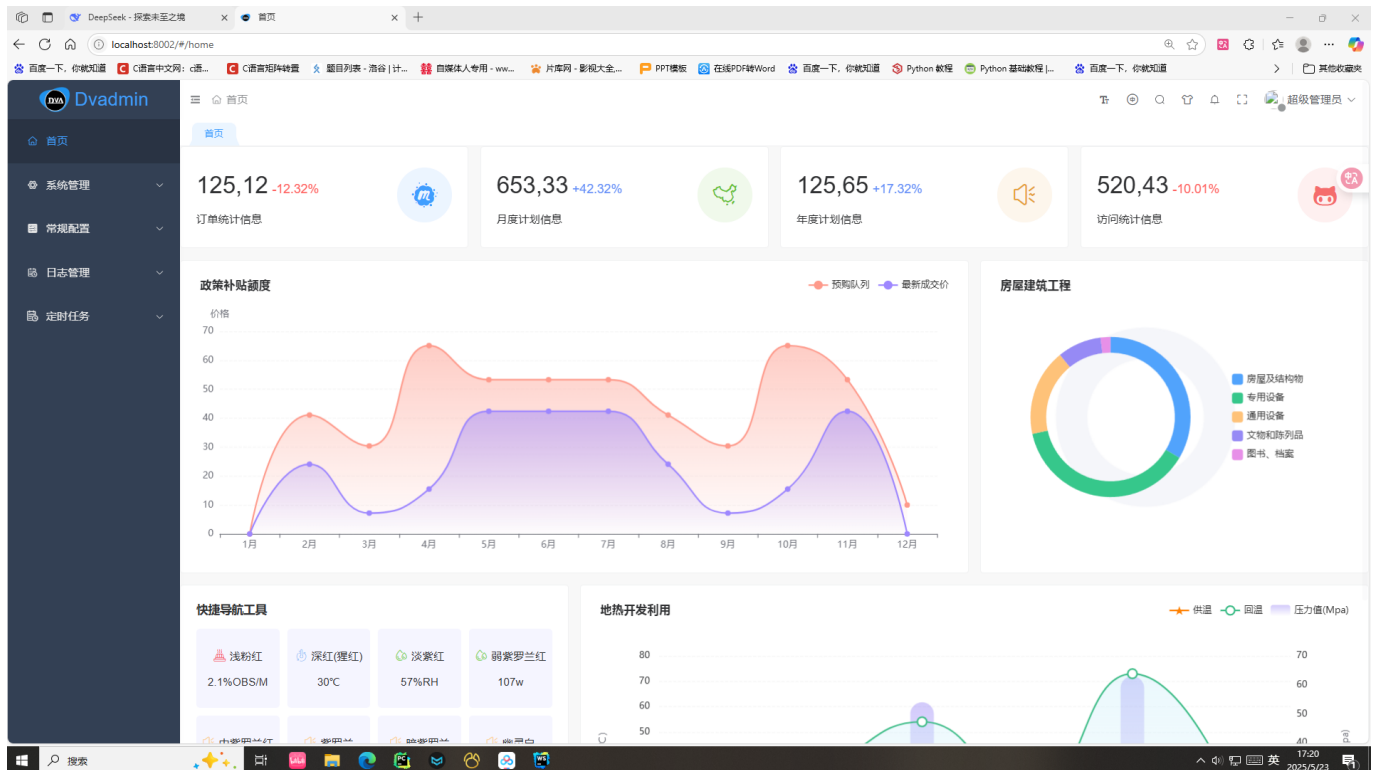
选择web目录下的package.json文件



选择脚本dev，Node解释器，应用确认即可



修改.env.development中的本地接口地址为后端接口



运行成功

```
python manage.py runserver 0.0.0.0:8000
```

#后端启动命令