

Python环境安装指南

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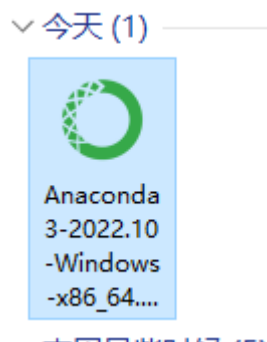
Anaconda软件包安装

官网: <https://www.anaconda.com/>

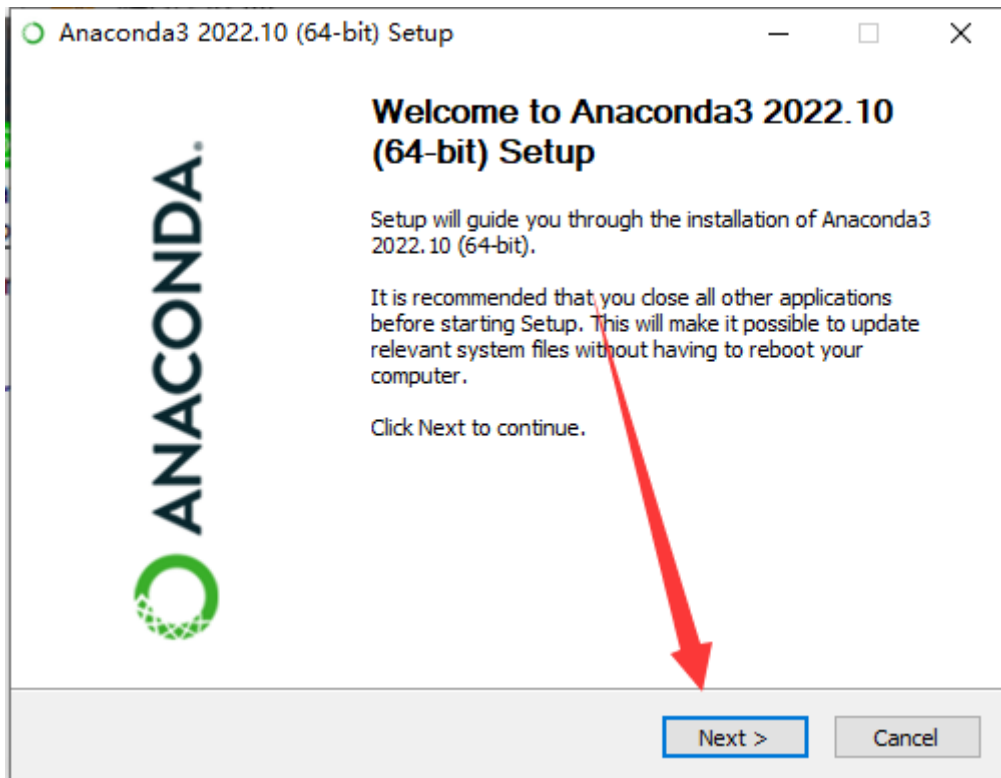
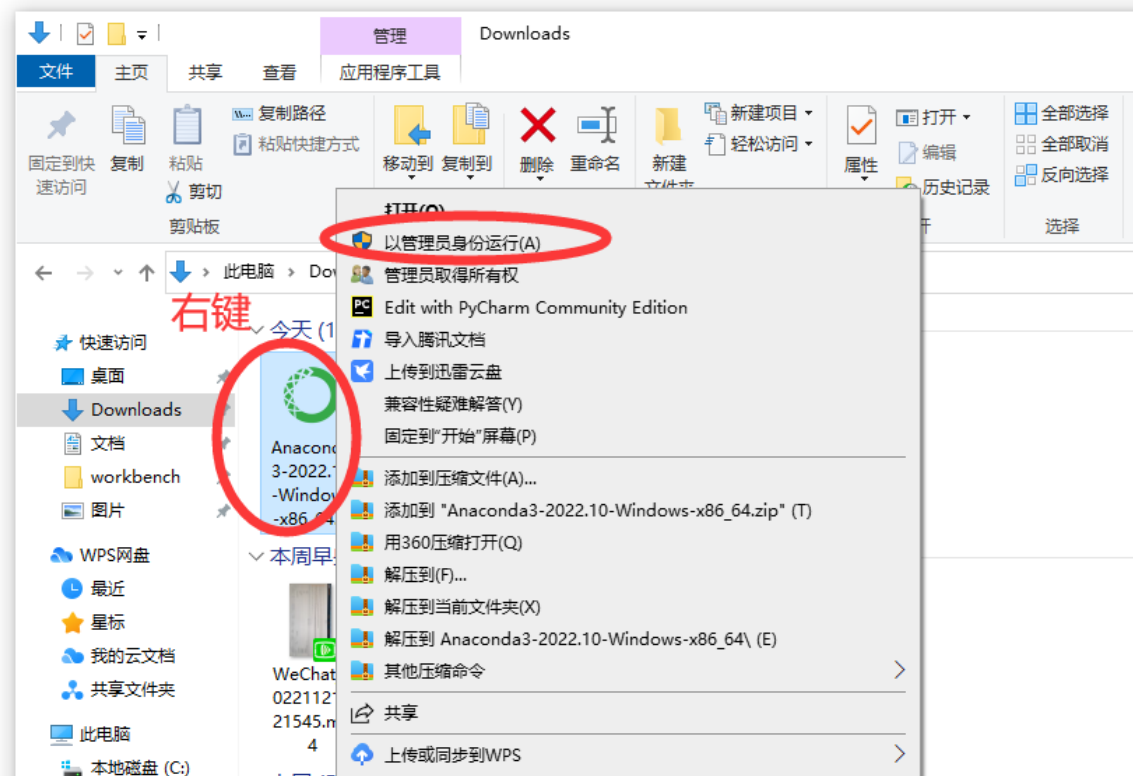
国内网站: <https://mirrors.tuna.tsinghua.edu.cn/anaconda/archive/?C=M&O=D>

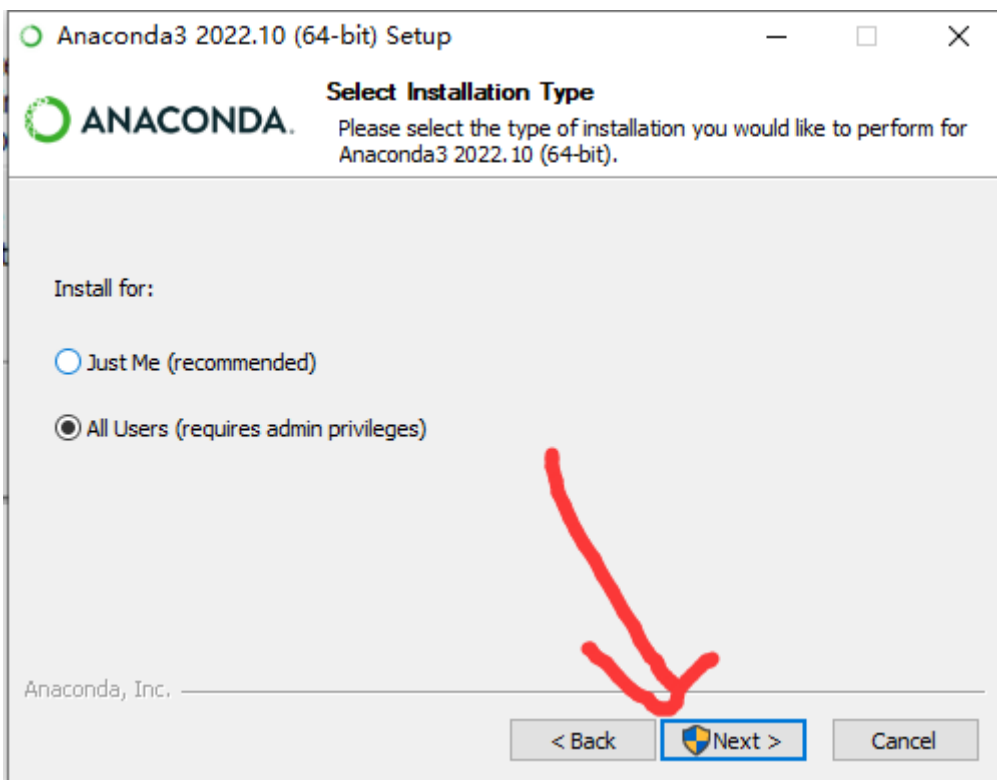
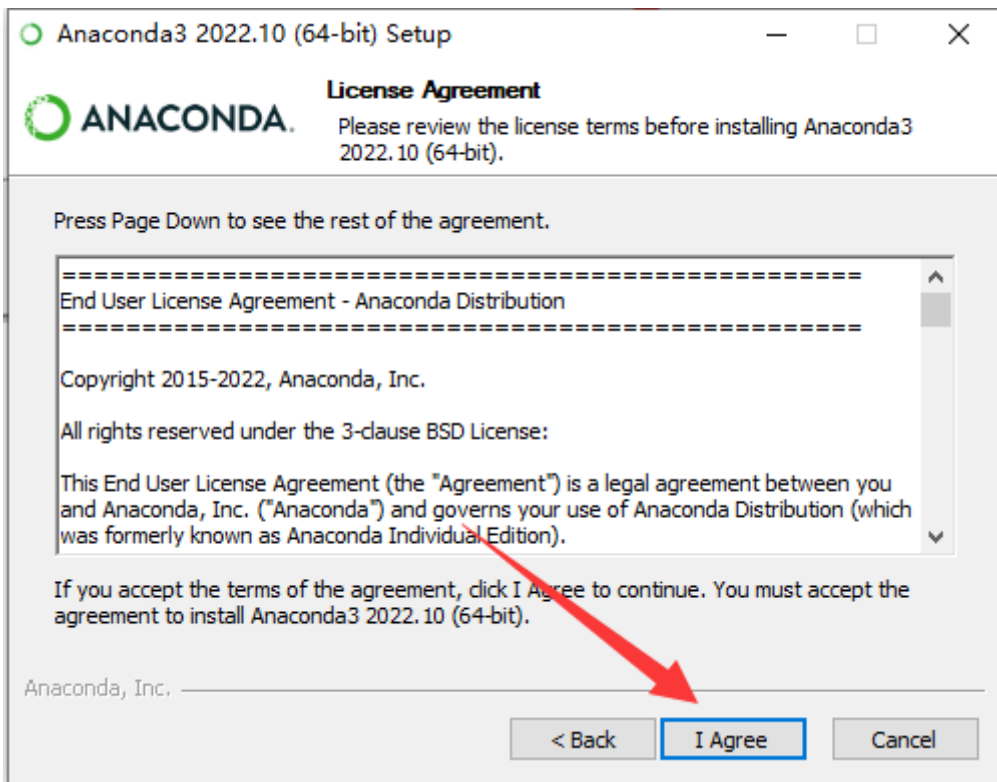
一个下载地址: https://mirrors.tuna.tsinghua.edu.cn/anaconda/archive/Anaconda3-2022.10-Windows-x86_64.exe

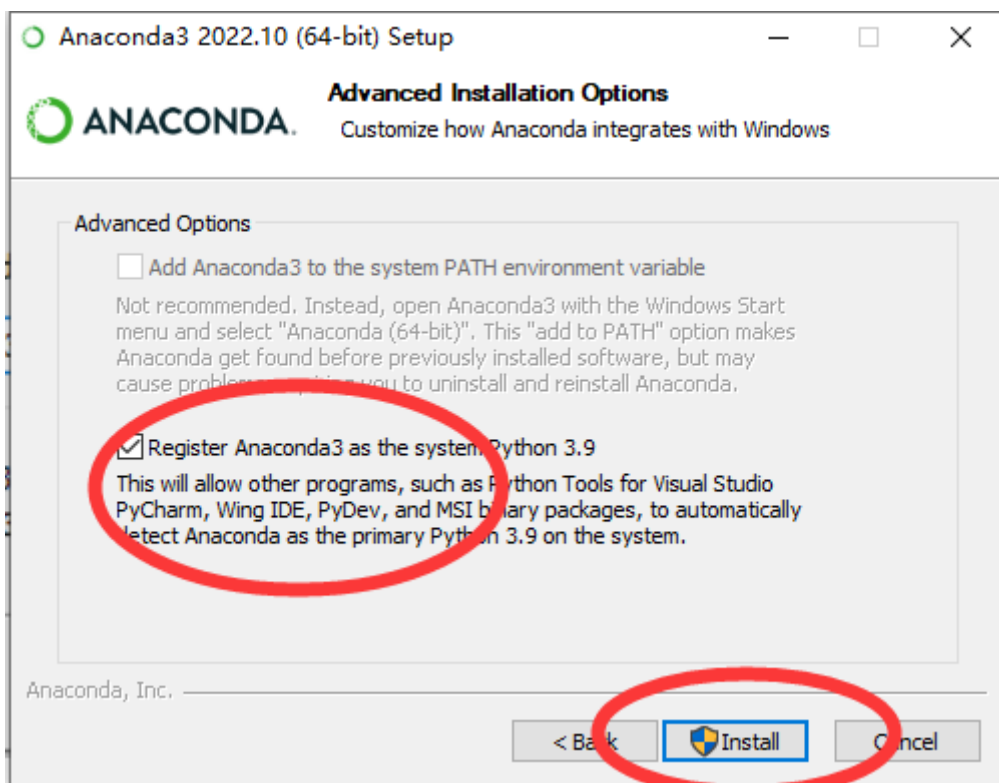
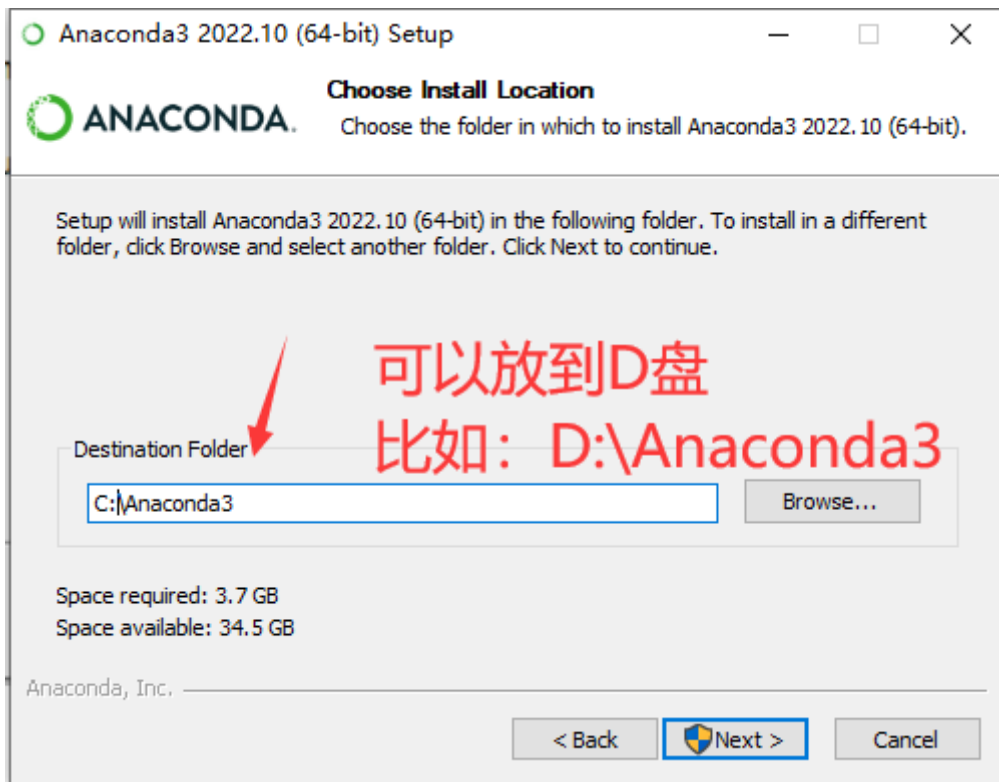
下载好的软件包的截图:

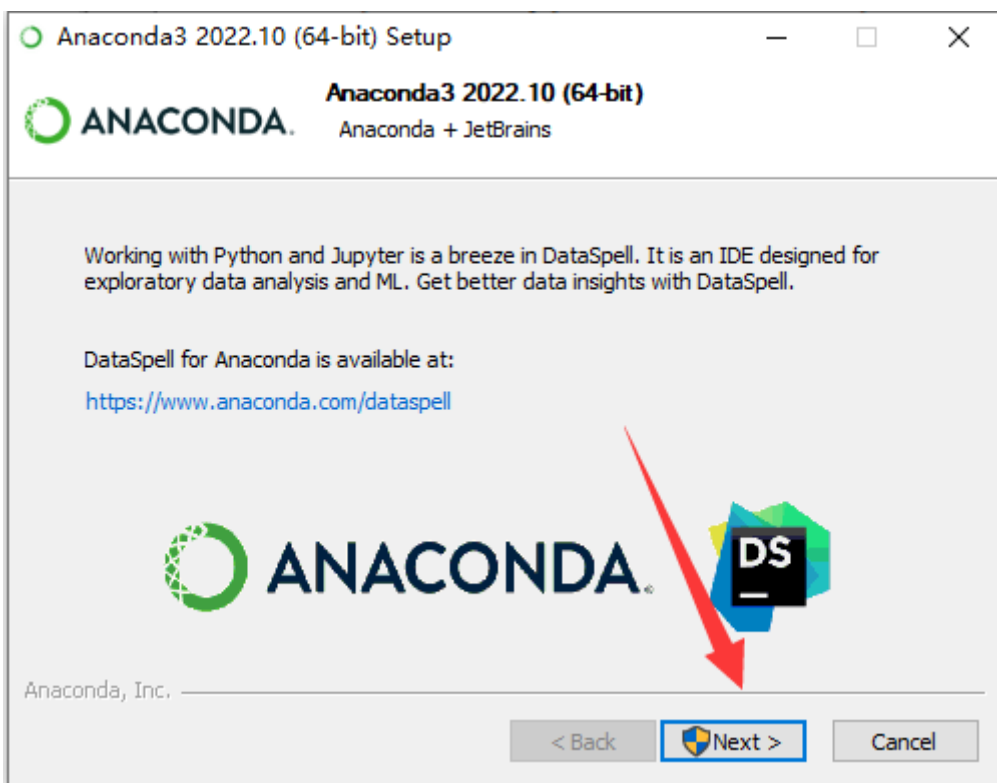
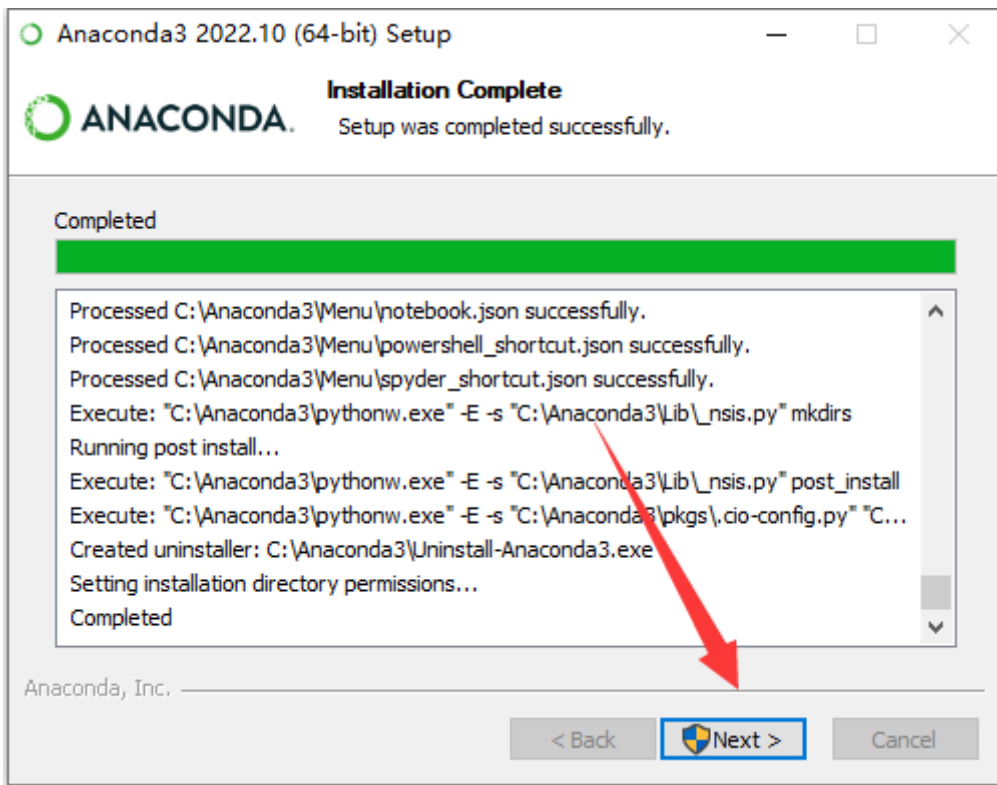


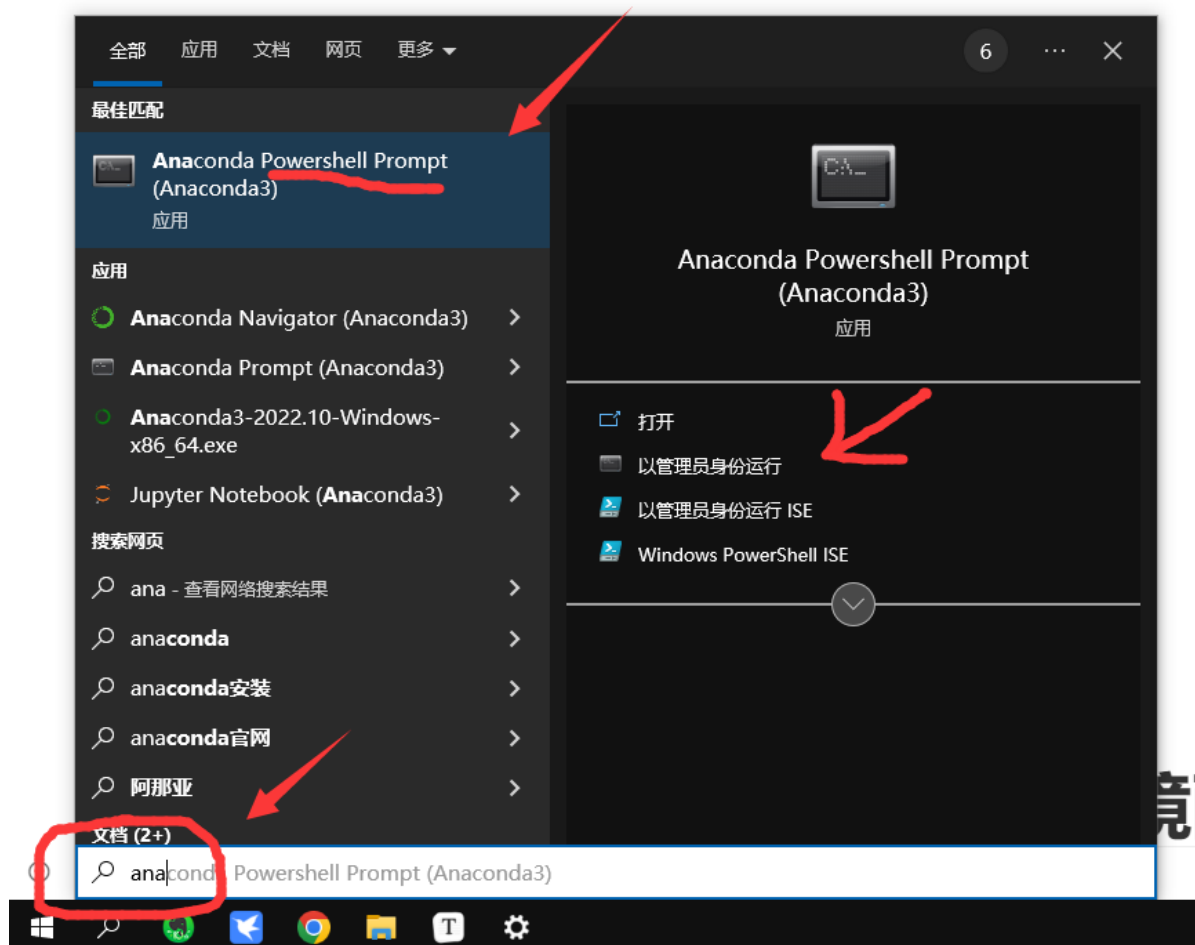
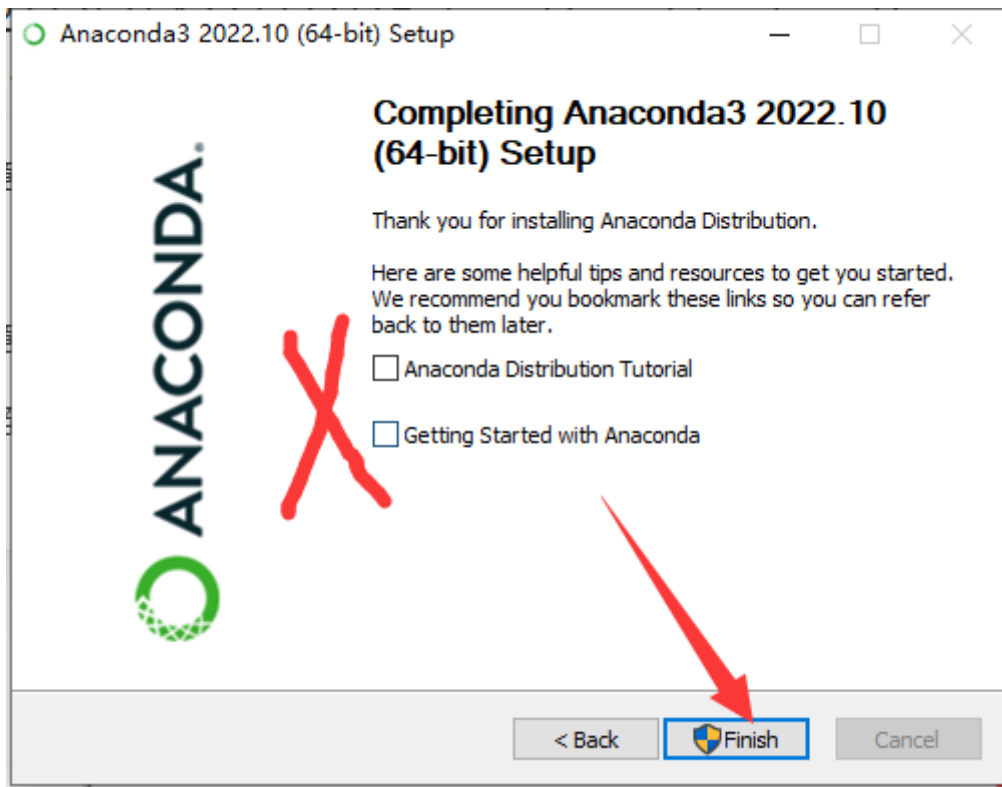
4.exe







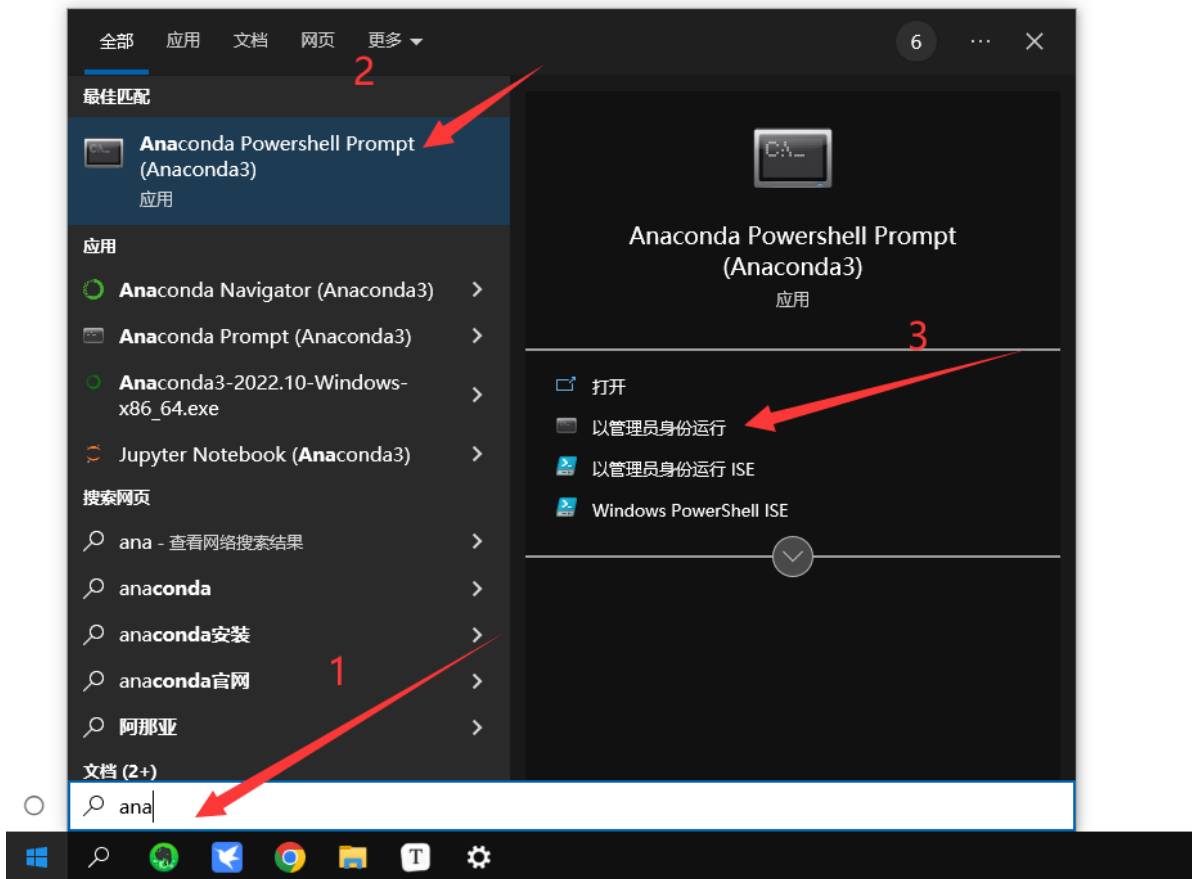




```
管理员: Anaconda Powershell Prompt (Anaconda3)
(base) PS C:\Users\Administrator>
```

```
管理员: Anaconda Powershell Prompt (Anaconda3)
(base) PS C:\Users\Administrator> python
Python 3.9.13 (main, Aug 25 2022, 23:51:50) [MSC v.1916 64 bit (AMD64)] :: Anaconda
Type "help", "copyright", "credits" or "license" for more information.
>>> print("hello")
hello
>>>
```

Anaconda 虚拟环境配置与安装包



展示当前的环境列表：

```
conda env list
```

新建虚拟环境：

```
conda create -n mypythonenv python=3.9
```

激活一个环境，每次安装包的时候，需要先激活环境：

```
conda activate mypythonenv
```

```
Retrieving notices: ...working... done
(base) PS C:\Users\Administrator>
(base) PS C:\Users\Administrator>
(base) PS C:\Users\Administrator> conda activate mypythonenv
(mypythonenv) PS C:\Users\Administrator>
```


退出环境

```
conda deactivate
```

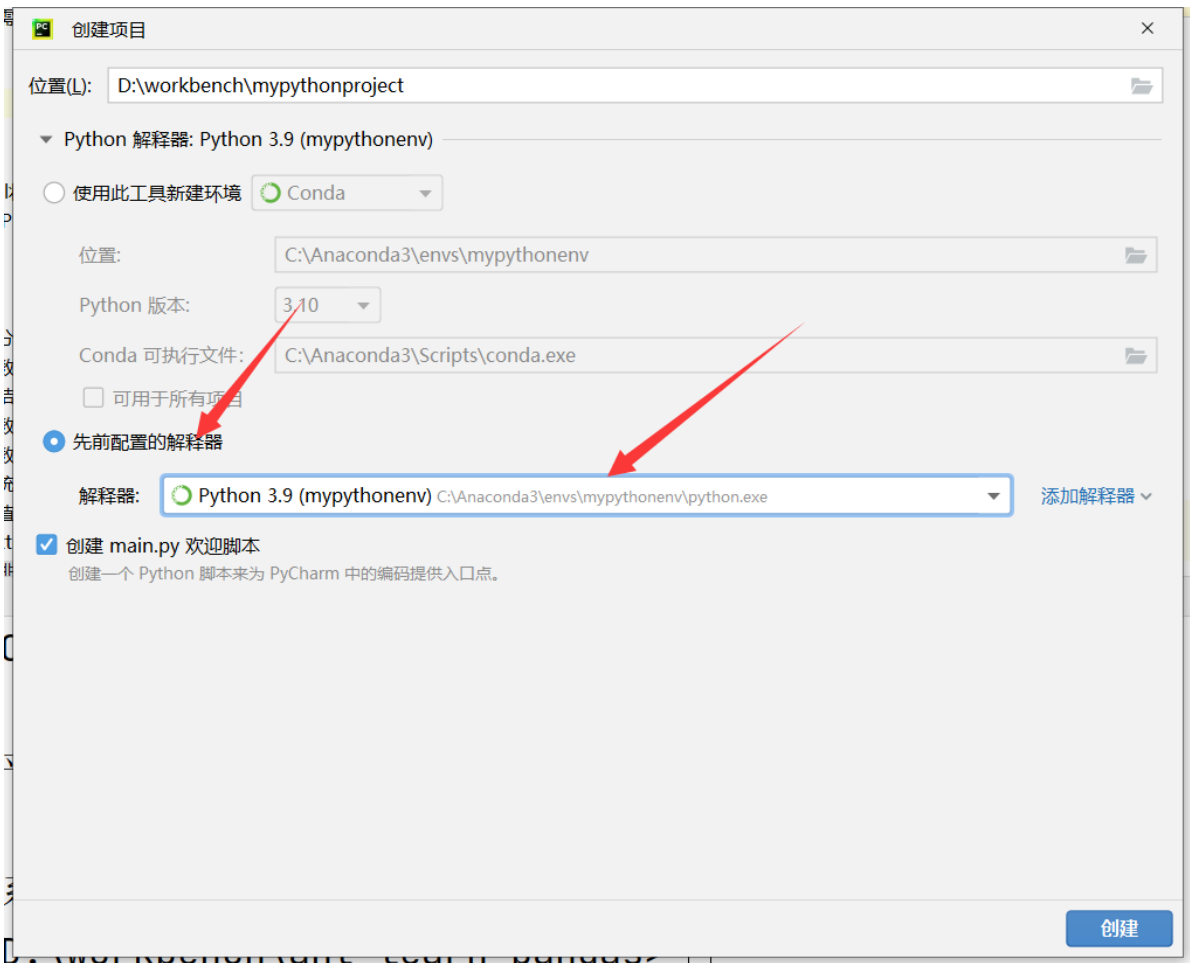
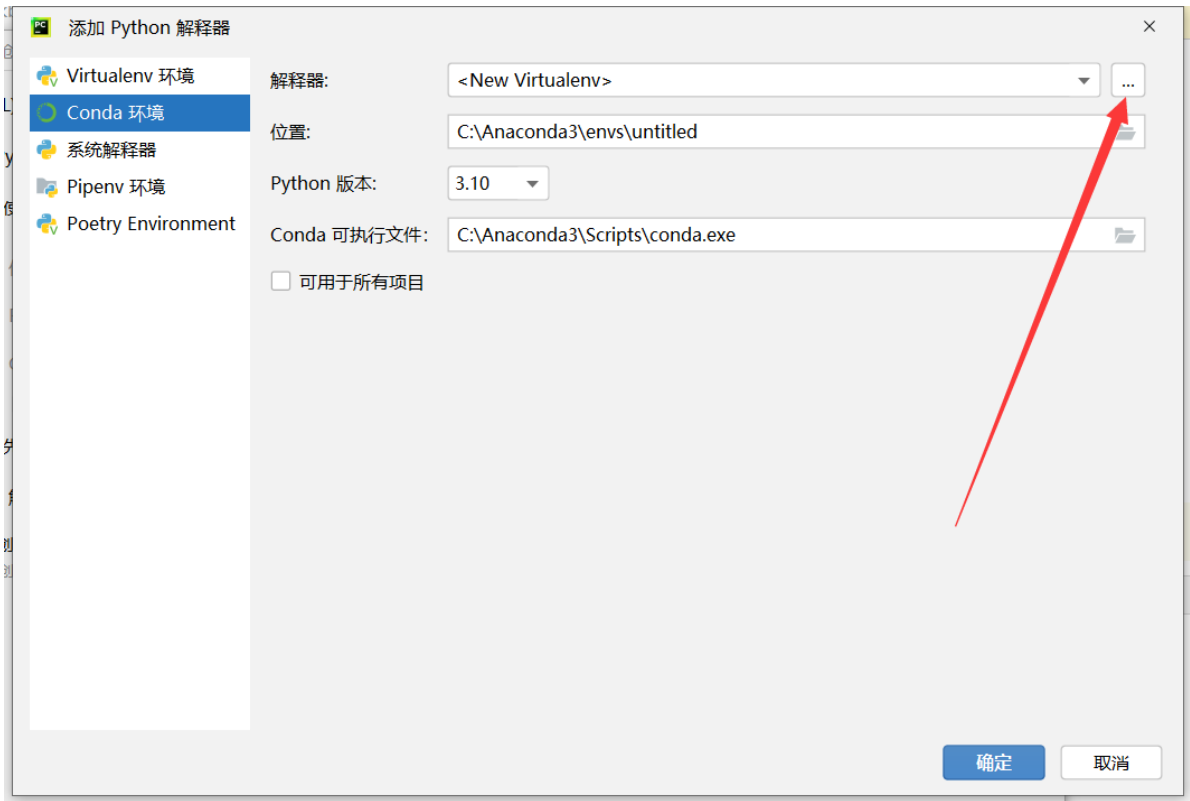
安装包的命令:

```
pip install -i https://pypi.tuna.tsinghua.edu.cn/simple pandas
```

验证包安装成功

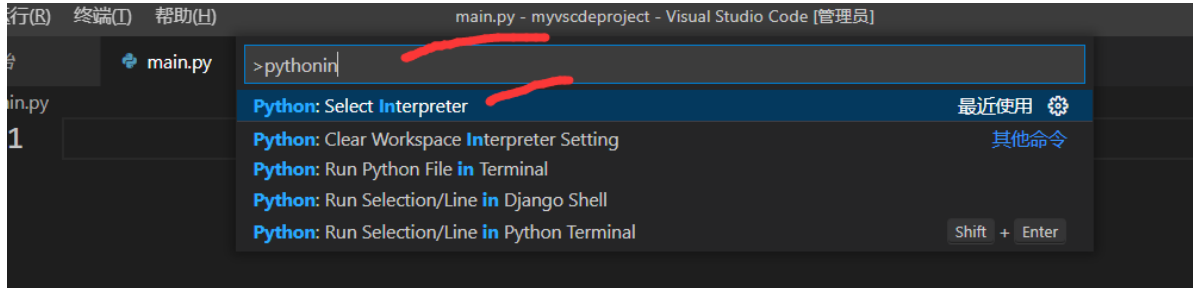
```
(mypythonenv) PS C:\Users\Administrator>
(mypythonenv) PS C:\Users\Administrator>
(mypythonenv) PS C:\Users\Administrator>
(mypythonenv) PS C:\Users\Administrator> python
Python 3.9.15 (main, Nov 24 2022, 14:39:17) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import pandas as pd
>>> _
```

Pycharm配置Anaconda

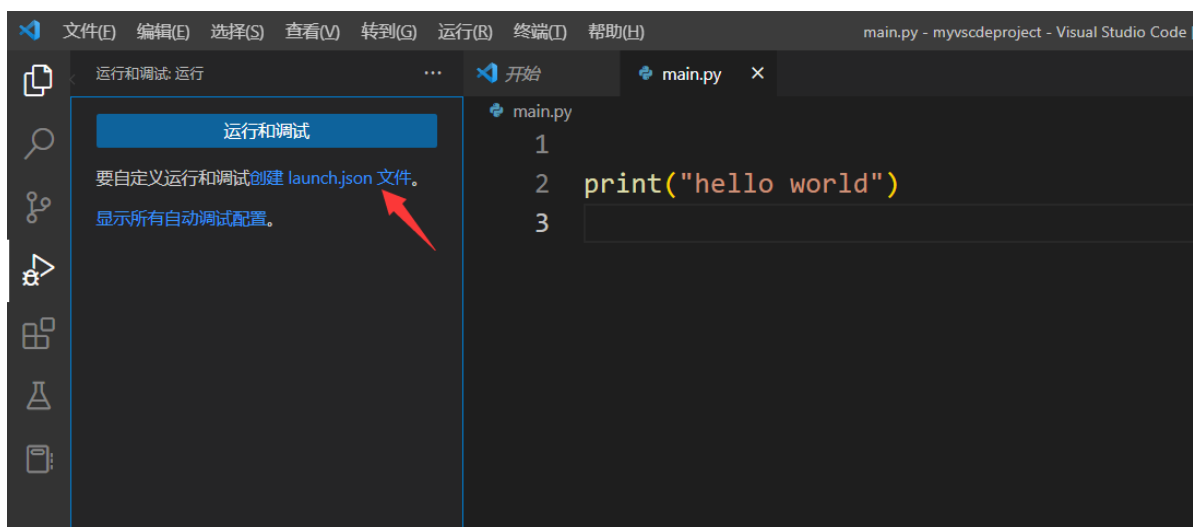
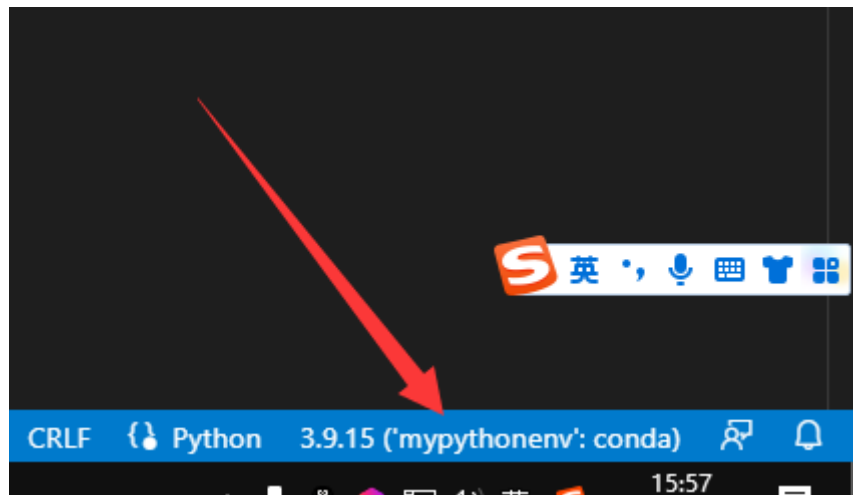


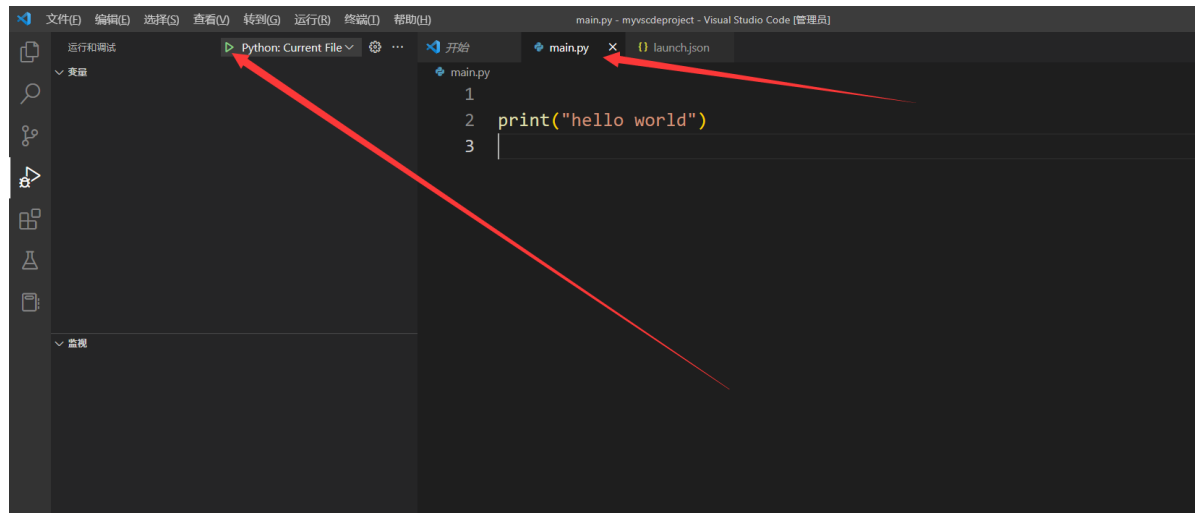
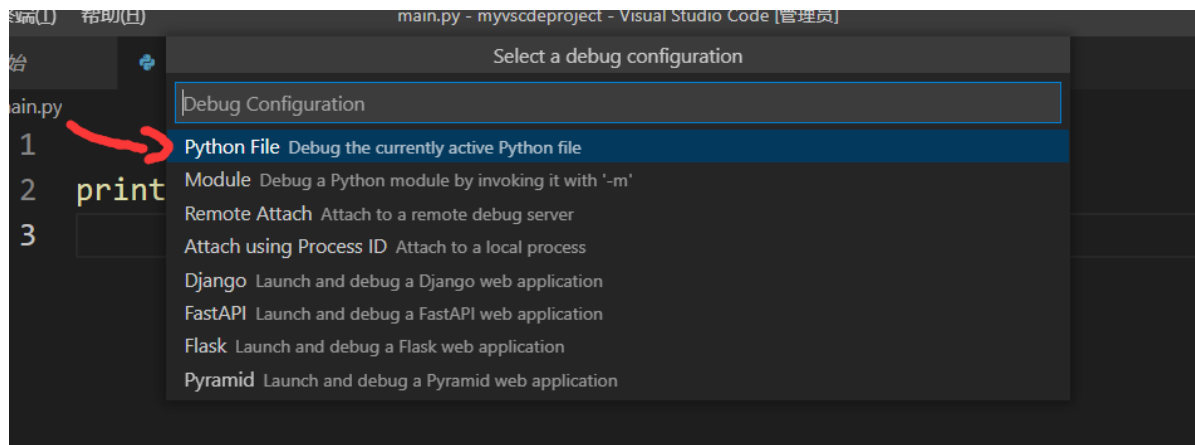
Vscode配置Anaconda

ctrl shift p

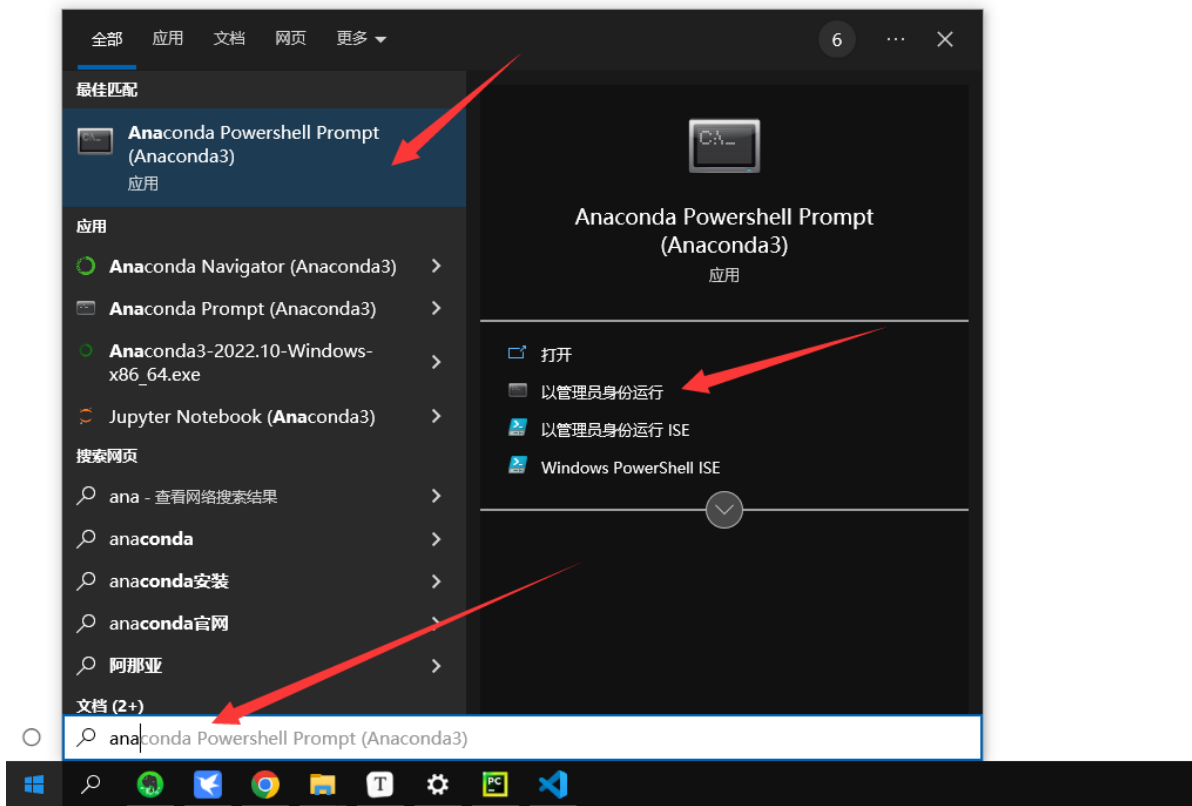


右下角展示已选择的python环境





安装并使用Jupyter notebook



```
管理员: Anaconda PowerShell Prompt (Anaconda3)
(base) PS C:\Users\Administrator> conda env list
# conda environments:
#
base                * C:\Anaconda3
mypythonev          C:\Anaconda3\envs\mypythonev

(base) PS C:\Users\Administrator> _
```

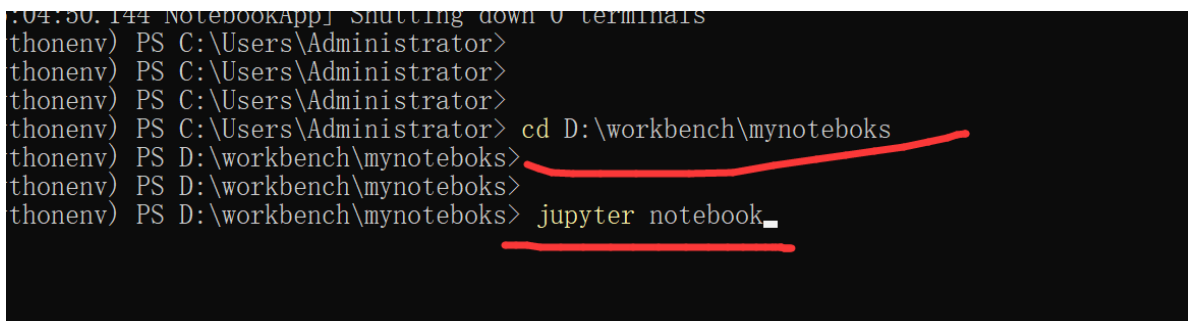
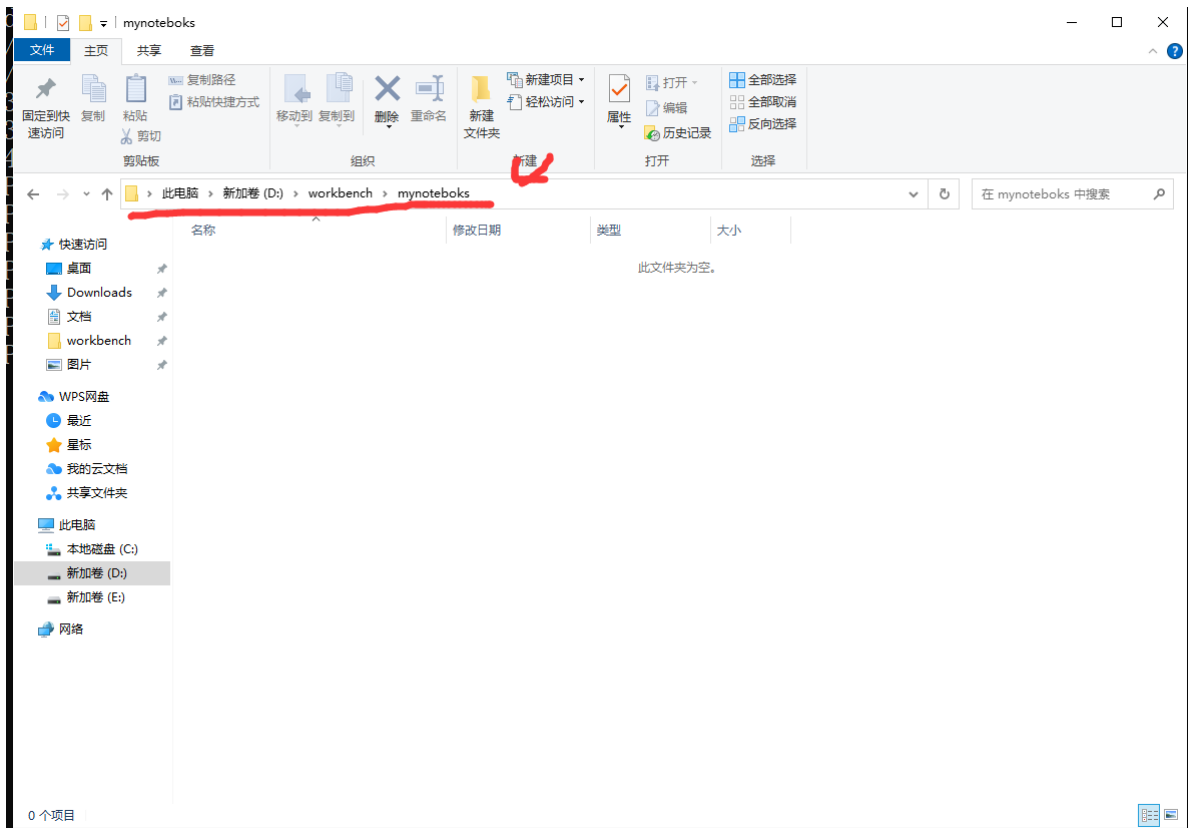
激活环境:

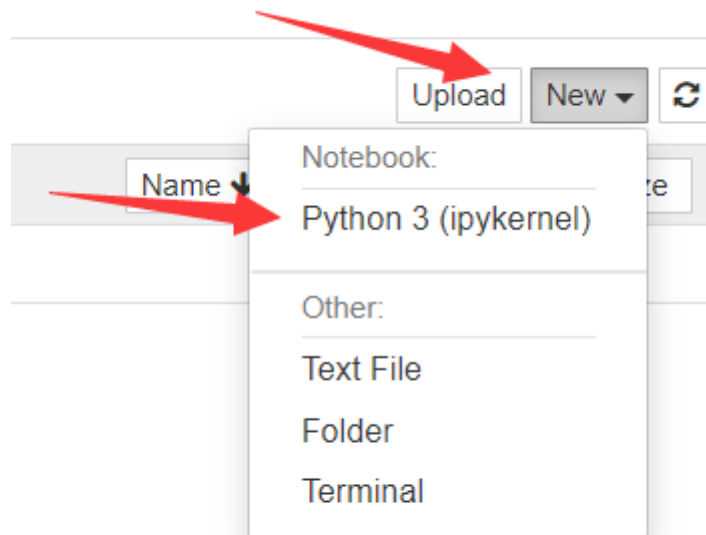
```
#
base                * C:\Anaconda3
mypythonev          C:\Anaconda3\envs\mypythonev

(base) PS C:\Users\Administrator> conda activate mypythonev
(mypythonev) PS C:\Users\Administrator> _
```

安装Notebook命令:

```
pip install -i https://pypi.tuna.tsinghua.edu.cn/simple jupyter notebook
```





怎样用jupyter notebook打开已有的代码目录

得到一个路径，例如：

```
D:\workbench\ant-learn-pandas
```

得到一个路径 例如·

