

国产大模型

Kimi（月之暗面）

- <https://kimi.moonshot.cn/>

登录后
免费与Kimi畅聊

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☒ 扫码默认已阅读同意《[模型服务协议](#)》和《[用户隐私协议](#)》

Kimi 智能助手

@大学生们!
Kimi陪你勇闯新学期

读不懂的论文
跟Kimi说说

没信心的英语
找Kimi练练

找实习机会
用Kimi准备

随时 stand by，解答你的各种困惑

做一份大学四年的考证计划

适合油皮的洗面奶推荐

十一假期游山西，求黑神话悟空空间路线

大学生医保报销指南

PPTSD了！帮我写个奖学金申请PPT

考研复习时间表

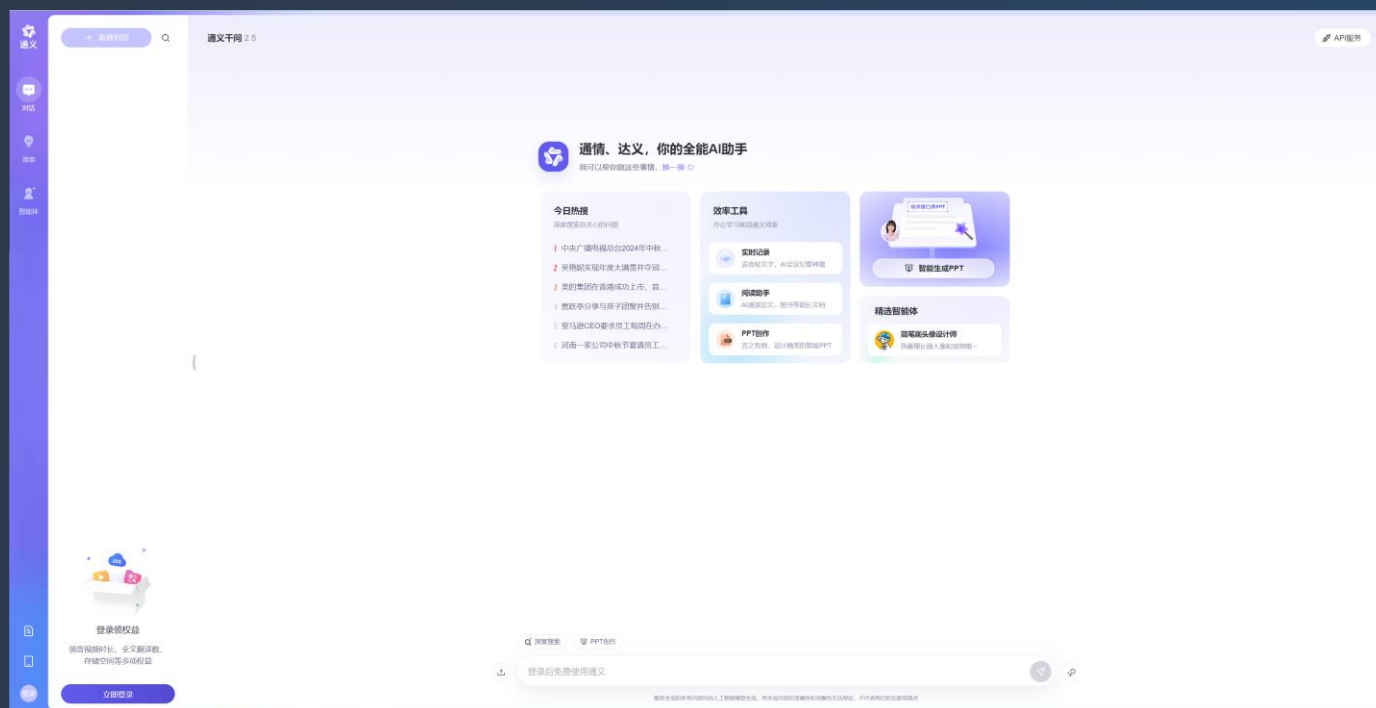
留学推荐信模板

跟室友作息时间不同，怎么睡个好觉

Kimi是由月之暗面科技有限公司开发的智能助手，擅长处理长文本和多语言对话，具备搜索、编程辅助和文件解读等功能。它支持高达200万汉字的输入，适用于多种专业领域，旨在提升工作效率。Kimi代表了国内AI技术的突破，引领智能助手的新趋势。

通义千问（阿里云）

- <https://tongyi.aliyun.com/qianwen/>



通义千问是阿里云开发的一个大型预训练模型，它的主要功能是生成与给定词语相关的高质量文本，以帮助用户获得他们需要的信息、解决问题或完成任务。我是基于通义千问模型打造的助手，能够理解和生成多种类型的文本，包括但不限于文章、故事、诗歌、对话等，并且能够根据用户的需求调整输出的风格和复杂度。

智谱清言

- <https://chatglm.cn/?lang=zh>



千亿参数对话模型

基于GLM模型开发，支持多轮对话，具备内容创作、信息归纳总结等能力

立即体验 →

“智谱清言”是一个人工智能助手，它基于智谱 AI 公司于 2024 年联合训练的语言模型 GLM-4 开发而成，它的任务是针对用户的问题和要求提供适当的答复和支持。

国产大模型应用

国产大语言模型在近年来取得了显著的发展，已经成为全球科技竞争的关键领域之一。目前，国内大语言模型的发展呈现出多元化的竞争格局，主要由互联网公司、AI公司、学术及科研机构以及行业专家团队初创公司四大派系构成。其中，百度、阿里巴巴、腾讯等互联网大厂在技术发展和市场应用方面走在前列。

技术层面上，国产大语言模型不断迭代，性能稳步提升。例如，百度的文心一言、阿里巴巴的通义千问等代表性模型在多个领域实现了应用，并展现出了强大的技术实力和市场潜力。在商业化探索方面，国产大模型正通过技术创新、行业合作和安全合规等多维度努力，加速AI技术的商业化落地和产业智能化转型。

市场规模方面，据相关数据显示，中国大语言模型市场规模在2023年实现了快速增长，增长率突破100%，市场规模达到147亿元人民币。预计到2027年，市场规模将达到600亿元，显示出巨大的市场潜力和发展空间。

在竞争力评价方面，国产大语言模型在上下文理解、响应速度、输出信息多样化等方面具有较强的竞争力，并且在知识储备和长文本阅读能力方面也展现出了优势。

总体来看，国产大语言模型正通过技术创新和市场应用的双轮驱动，加速推动AI技术的商业化落地和产业智能化转型，展现出了强劲的发展势头和广阔的发展前景。



实验软件安装

Anaconda

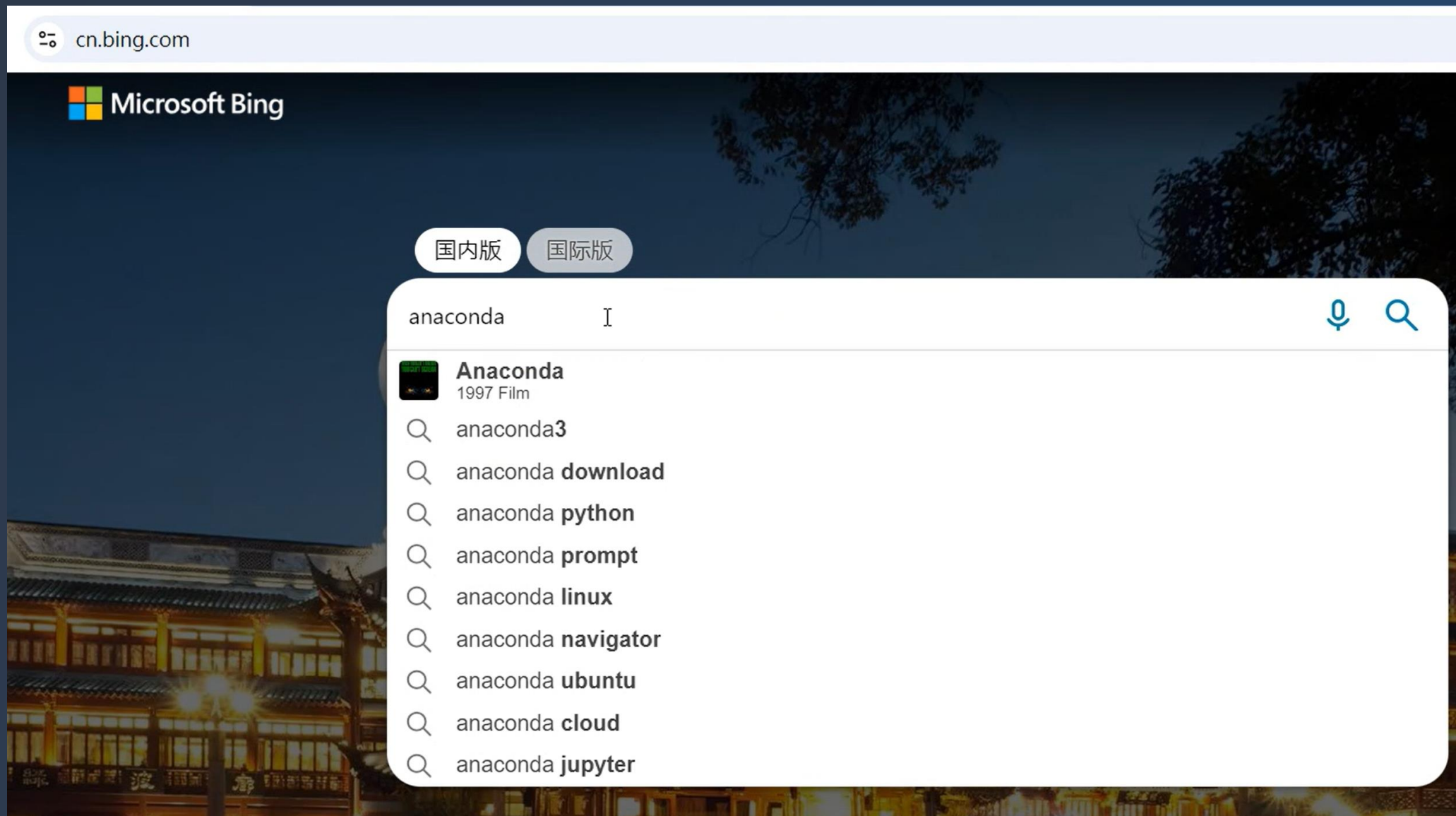
VScode

Anaconda

Anaconda 是一个流行的开源Python和R语言的发行版，它旨在简化包管理和部署。Anaconda 包含了conda、Python、R语言以及一系列的科学计算、数据分析和机器学习相关的库和工具。它主要用于数据科学、机器学习、科学计算和分析领域。Anaconda 的主要特点包括：

- 1.包管理器：**conda 是一个包管理器和环境管理器，可以轻松安装、运行和更新软件包和库。
- 2.跨平台：**支持 Windows、macOS 和 Linux 系统。
- 3.环境管理：**可以创建隔离的环境，用于不同的项目，避免依赖冲突。
- 4.大量预安装的库：**Anaconda 预装了许多常用的数据科学和机器学习库，如 NumPy、Pandas、SciPy、Matplotlib、TensorFlow、Scikit-learn 等。
- 5.Anaconda Navigator：**一个图形用户界面，用于管理 Anaconda 环境和启动应用程序。

1. 搜索官方下载链接



<https://www.anaconda.com/download/success>

1.搜索官方下载链接



Anaconda 中文网

<https://anaconda.org.cn> ▾

Anaconda 中文网

WEB Anaconda 是一个免费、易于安装的包管理器、环境管理器和 Python 发行版，适用于 Windows、macOS 和 Linux。Anaconda 中文网提供了 Anaconda 个人版、商业版、团 ...



Anaconda Documentation

<https://docs.anaconda.com/anaconda/install> ▾

Installation — Anaconda documentation

WEB 4 days ago · Learn how to install Anaconda or Miniconda, a Python distribution with hundreds of packages, on Windows, macOS, Linux, or older systems. Find out how to ...

<https://www.anaconda.com/download/success>

1. 搜索官方下载链接



→ × anaconda.org.cn/anaconda/install/windows/

又衣

在 Windows 上安装

在 macOS 上安装

在 Linux 上安装

在 Linux-aarch64 (arm64) 上安装

在 AWS Graviton2 (arm64) 上安装

在 Linux-s390x (IBM Z) 上安装

在 Linux POWER 上安装

以静默模式安装

为多个用户安装

验证您的安装

Anaconda 安装程序文件哈希

从旧版本更新

i 笔记

在商业环境中使用 Anaconda? 您可能需要购买许可证才能遵守我们的[服务条款](#)。这可以通过[Anaconda Commercial Edition](#)、[Anaconda Enterprise](#) 来完成。如果您已经购买了商业版, 请在此处完成安装后继续[验证商业版](#)部分。

还没有购买商业版? 访问<https://anaconda.cloud/register>以开始使用。

1. [下载 Anaconda 安装程序](#)。
2. 推荐: [使用 SHA-256 验证数据完整性](#)。有关哈希的更多信息, 请参阅[加密哈希验证怎么样?](#)
3. 双击安装程序启动。

i 笔记

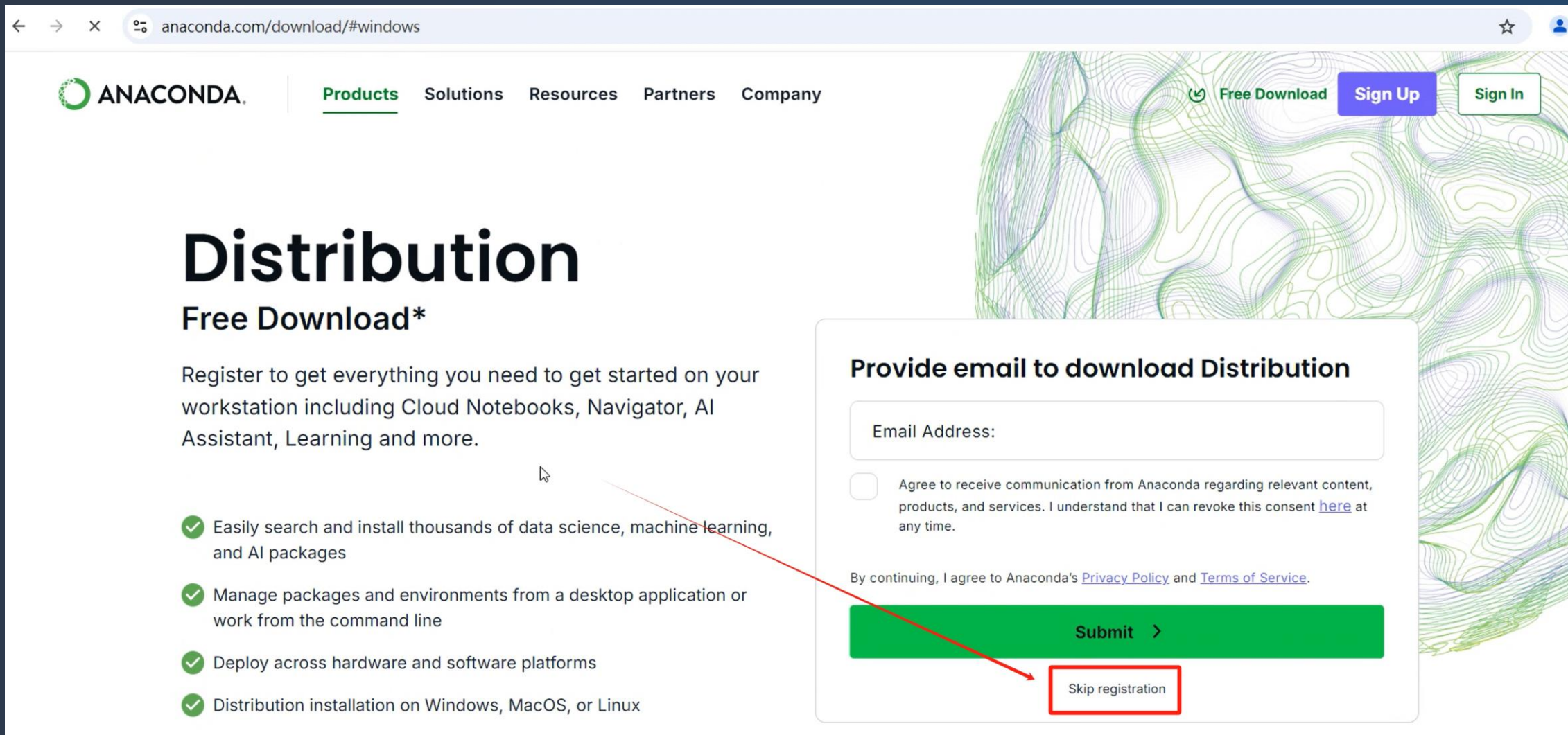
为防止出现权限错误, 请勿从“[收藏夹](#)”文件夹启动安装程序。

i 笔记

如果您在安装过程中遇到问题, 请在安装过程中暂时禁用您的防病毒软件, 然后在安装结束后重新启用它。如果您为所有用户安装, 您的用户重新安装, 然后重试。

<https://www.anaconda.com/download/success>

1.搜索官方下载链接



The screenshot shows the Anaconda website's 'Distribution' page. The main heading is 'Distribution' with a subheading 'Free Download*'. Below this, a paragraph states: 'Register to get everything you need to get started on your workstation including Cloud Notebooks, Navigator, AI Assistant, Learning and more.' To the right, there is a registration form titled 'Provide email to download Distribution'. The form includes an 'Email Address:' input field, a checkbox for agreeing to communication, and a green 'Submit >' button. A red arrow points from the 'Skip registration' link in the list of benefits to the 'Skip registration' link in the form. The 'Skip registration' link is highlighted with a red box.

ANACONDA

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[Free Download](#) [Sign Up](#) [Sign In](#)

Distribution

Free Download*

Register to get everything you need to get started on your workstation including Cloud Notebooks, Navigator, AI Assistant, Learning and more.

- ✓ Easily search and install thousands of data science, machine learning, and AI packages
- ✓ Manage packages and environments from a desktop application or work from the command line
- ✓ Deploy across hardware and software platforms
- ✓ Distribution installation on Windows, MacOS, or Linux

Provide email to download Distribution

Email Address:

☐ Agree to receive communication from Anaconda regarding relevant content, products, and services. I understand that I can revoke this consent [here](#) at any time.

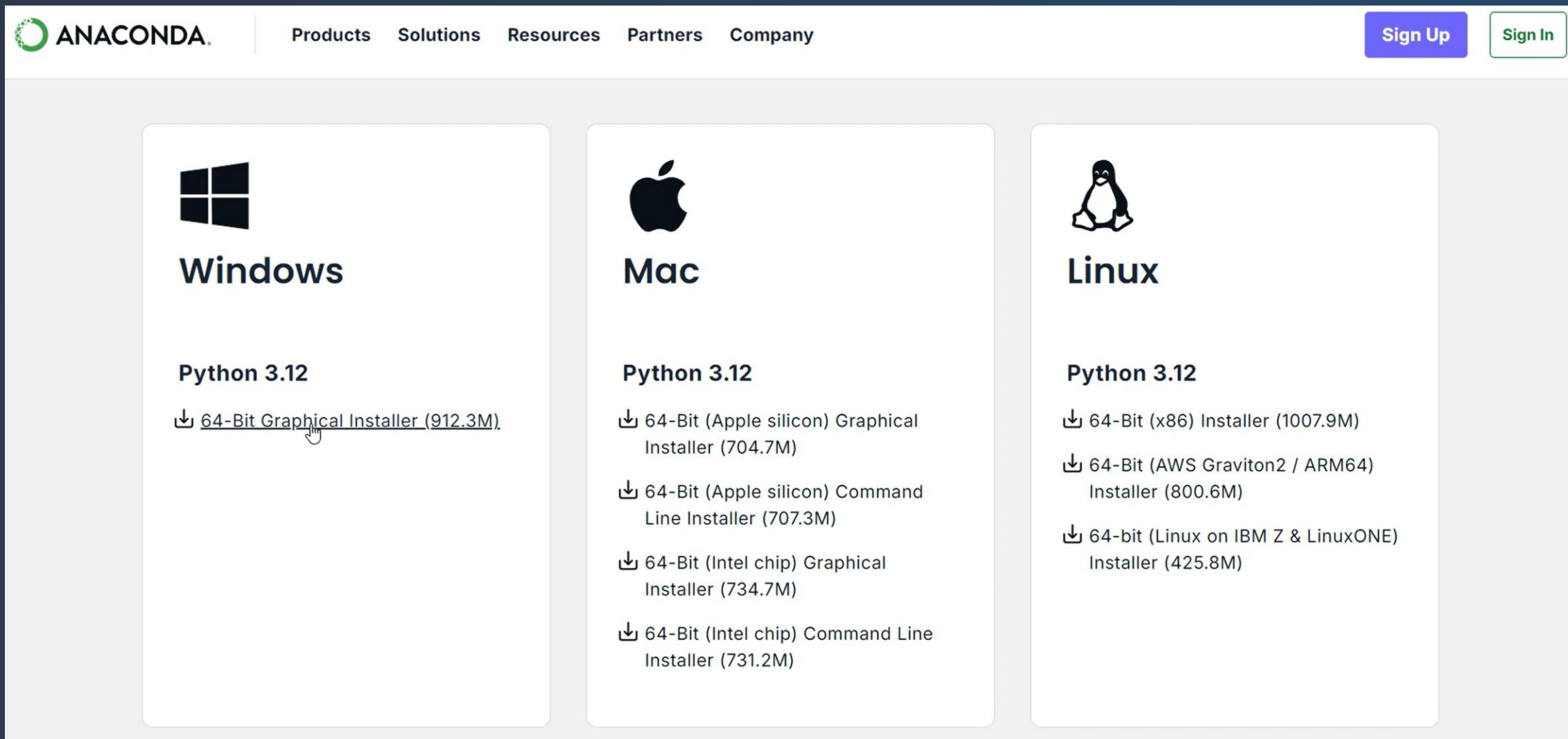
By continuing, I agree to Anaconda's [Privacy Policy](#) and [Terms of Service](#).

Submit >

[Skip registration](#)

<https://www.anaconda.com/download/success>

1.搜索官方下载链接

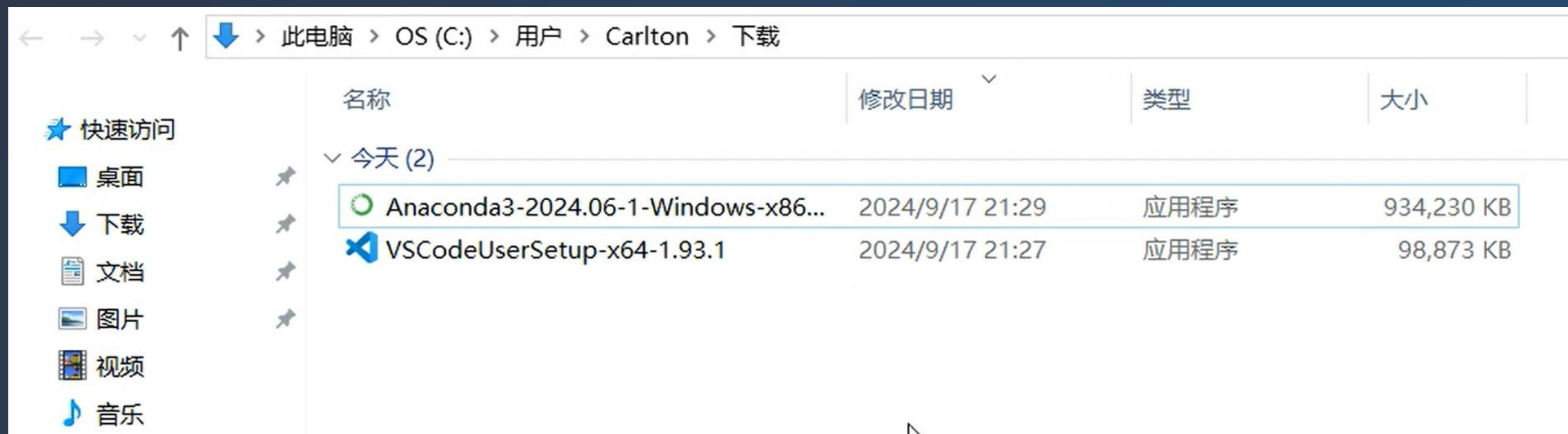


The screenshot displays the Anaconda website's download section. At the top, the Anaconda logo is on the left, and navigation links for Products, Solutions, Resources, Partners, and Company are in the center. On the right, there are 'Sign Up' and 'Sign In' buttons. The main content area is divided into three columns for Windows, Mac, and Linux. Each column features the respective operating system's logo, the text 'Python 3.12', and a list of download links with download icons and file sizes. A mouse cursor is hovering over the first link in the Windows section.

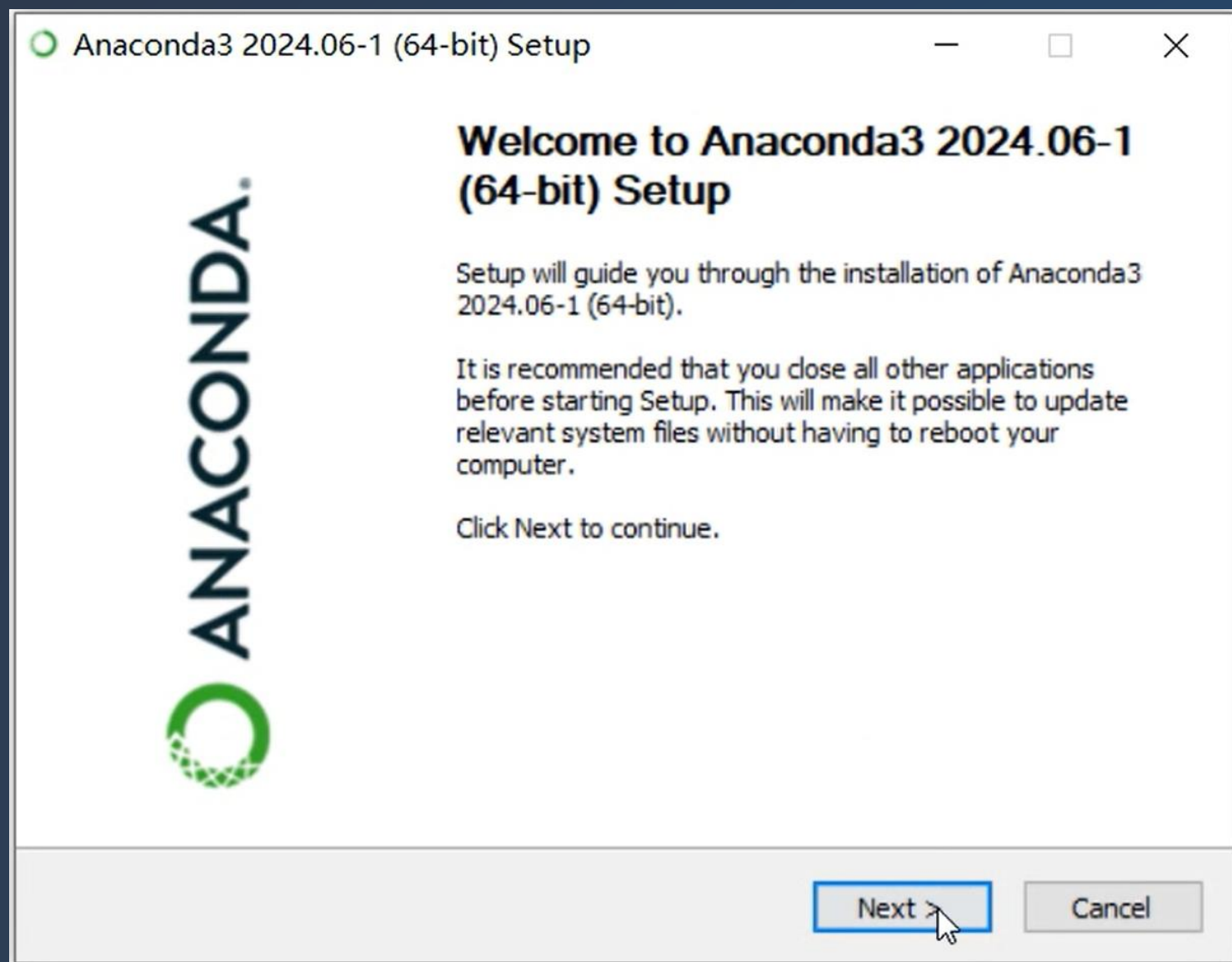
Operating System	Python Version	Download Link	File Size
Windows	Python 3.12	64-Bit Graphical Installer	912.3M
Mac	Python 3.12	64-Bit (Apple silicon) Graphical Installer	704.7M
	Python 3.12	64-Bit (Apple silicon) Command Line Installer	707.3M
	Python 3.12	64-Bit (Intel chip) Graphical Installer	734.7M
	Python 3.12	64-Bit (Intel chip) Command Line Installer	731.2M
Linux	Python 3.12	64-Bit (x86) Installer	1007.9M
	Python 3.12	64-Bit (AWS Graviton2 / ARM64) Installer	800.6M
	Python 3.12	64-bit (Linux on IBM Z & LinuxONE) Installer	425.8M

<https://www.anaconda.com/download/success>

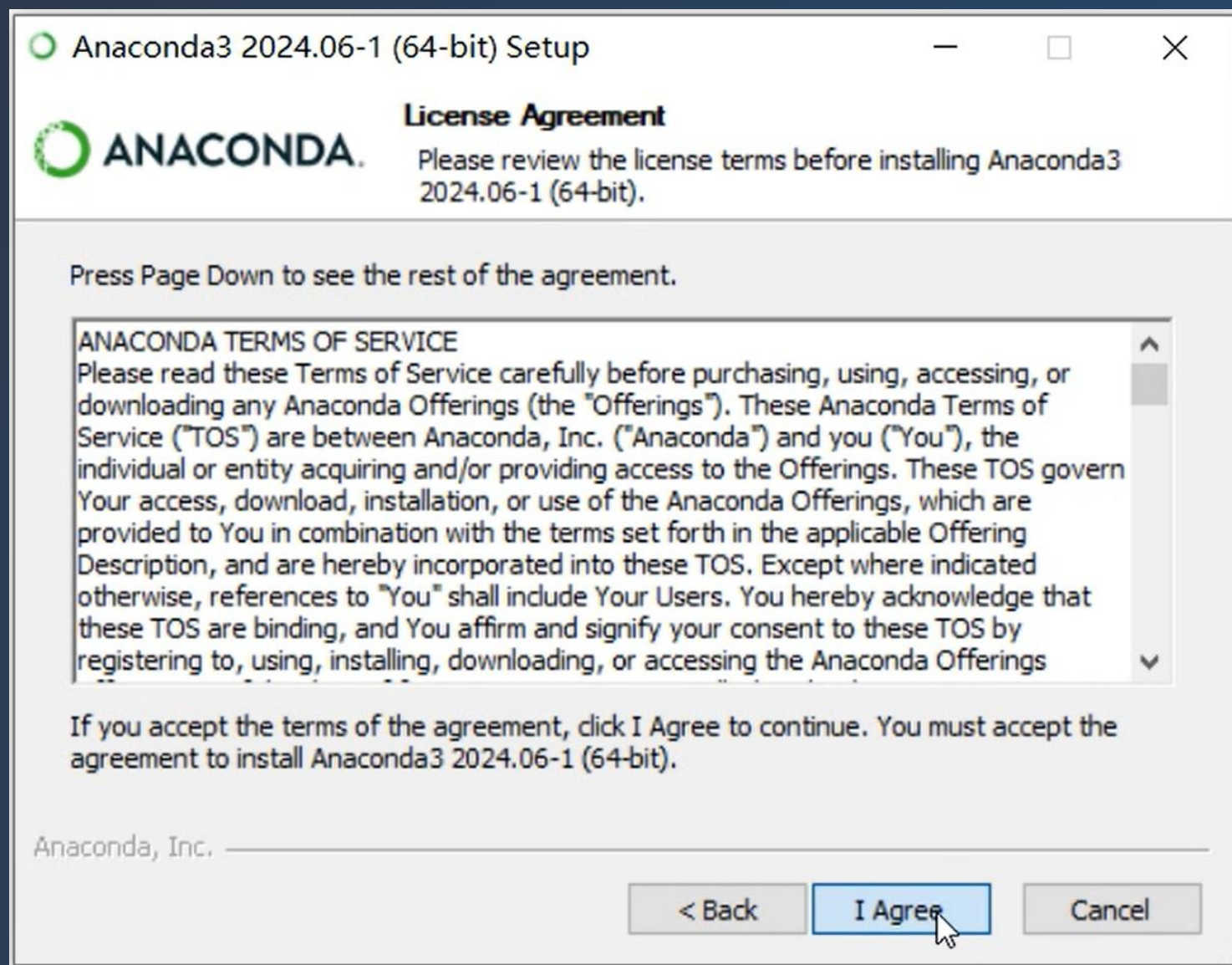
2. 下载安装



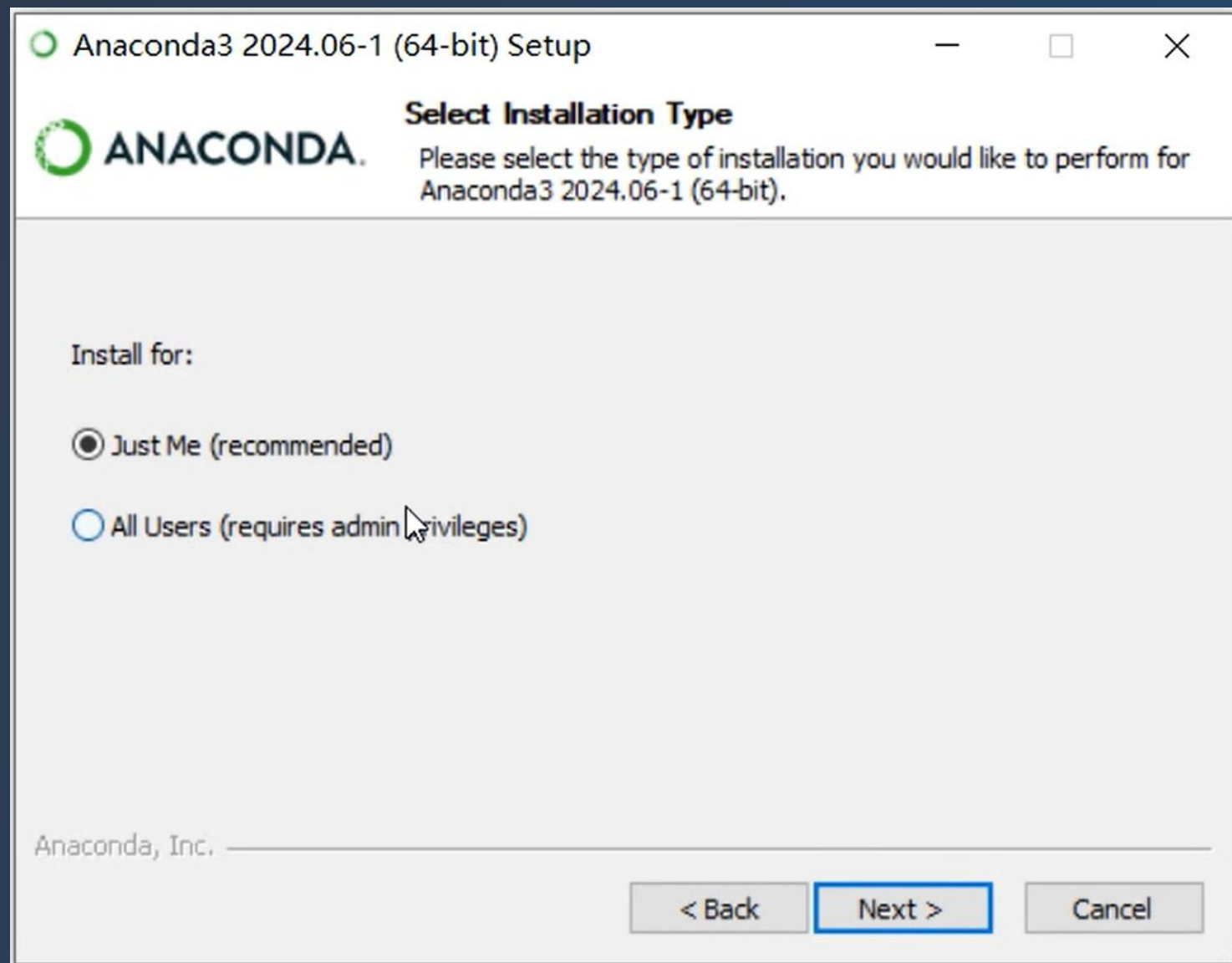
2. 下载安装



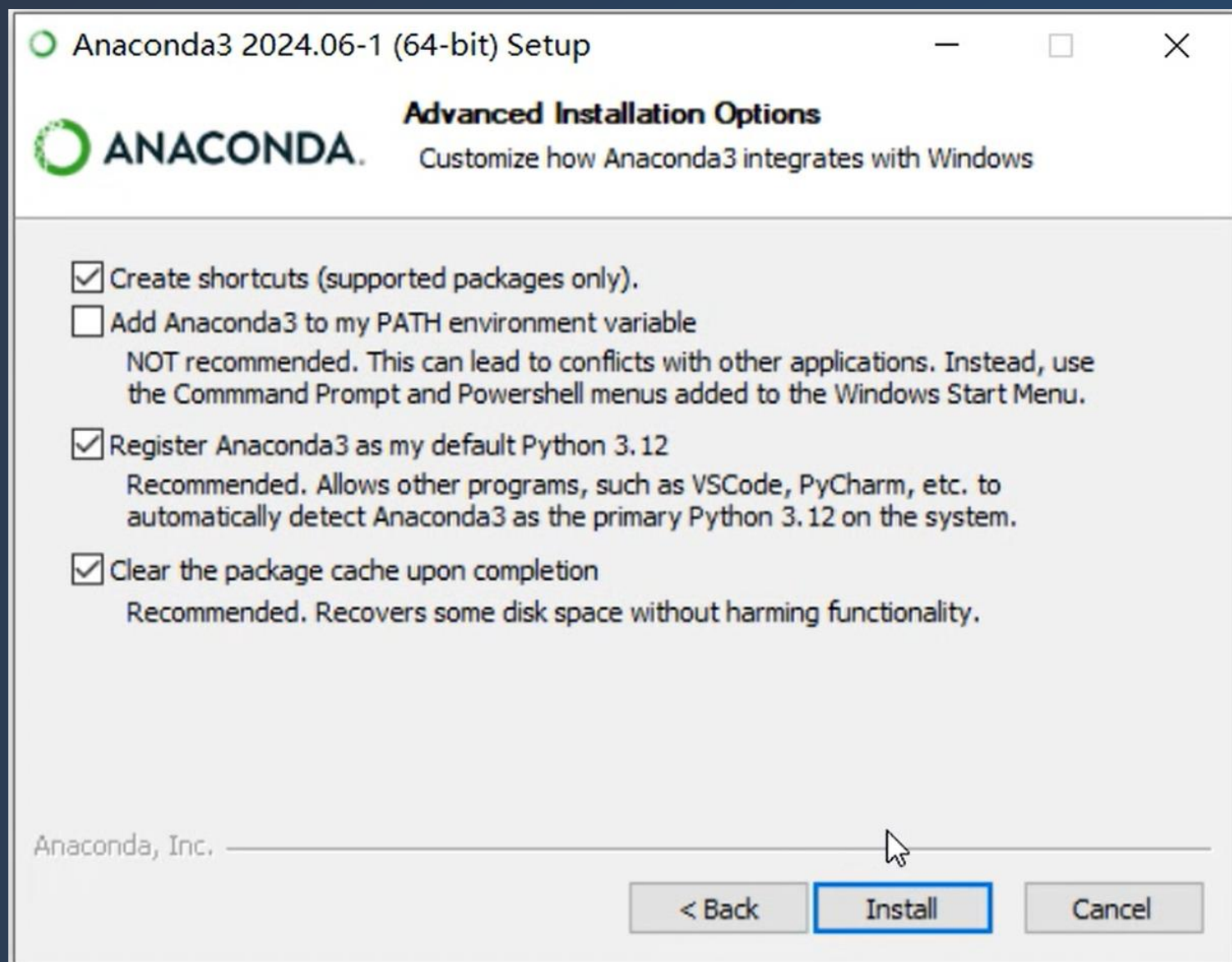
2. 下载安装



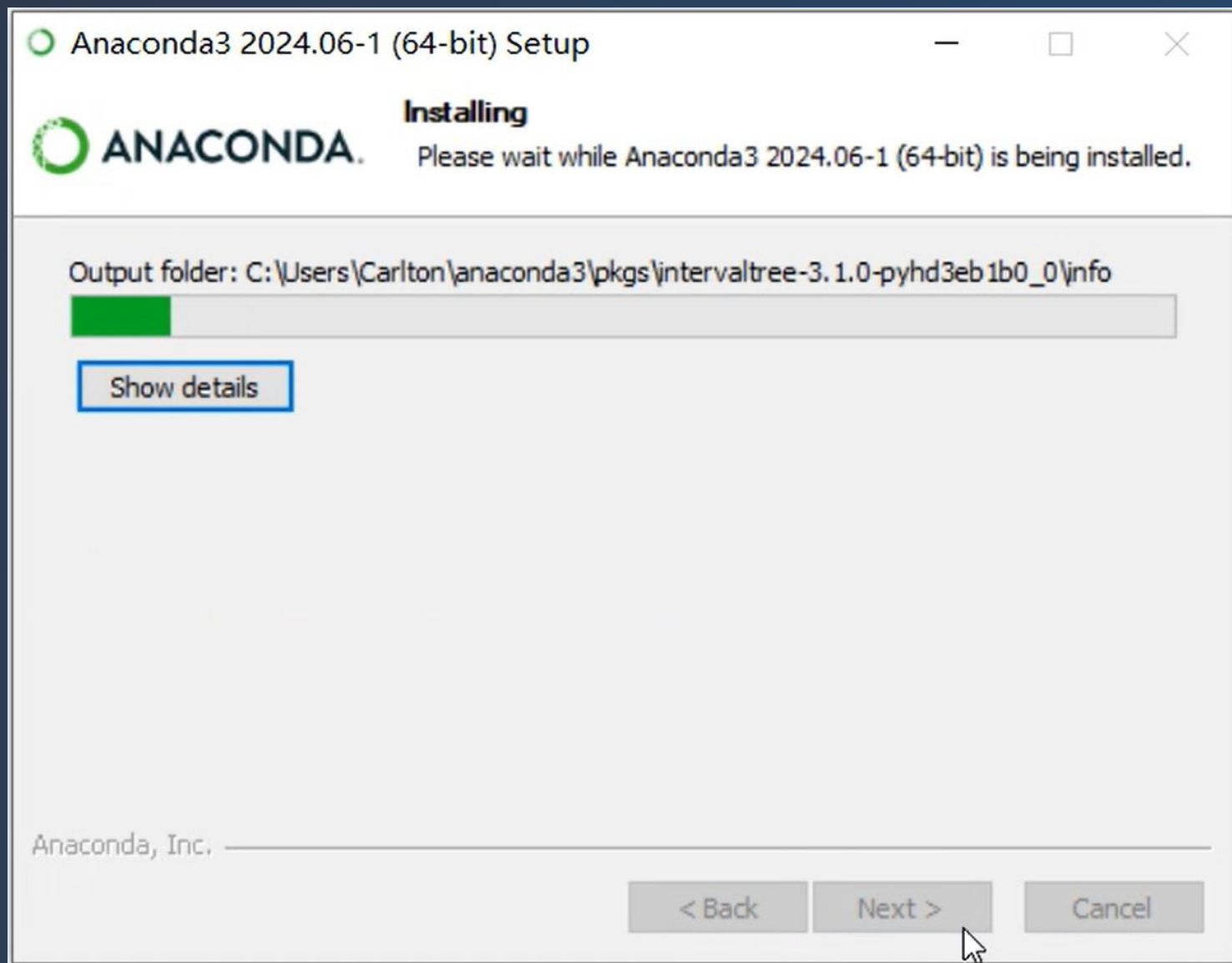
2. 下载安装



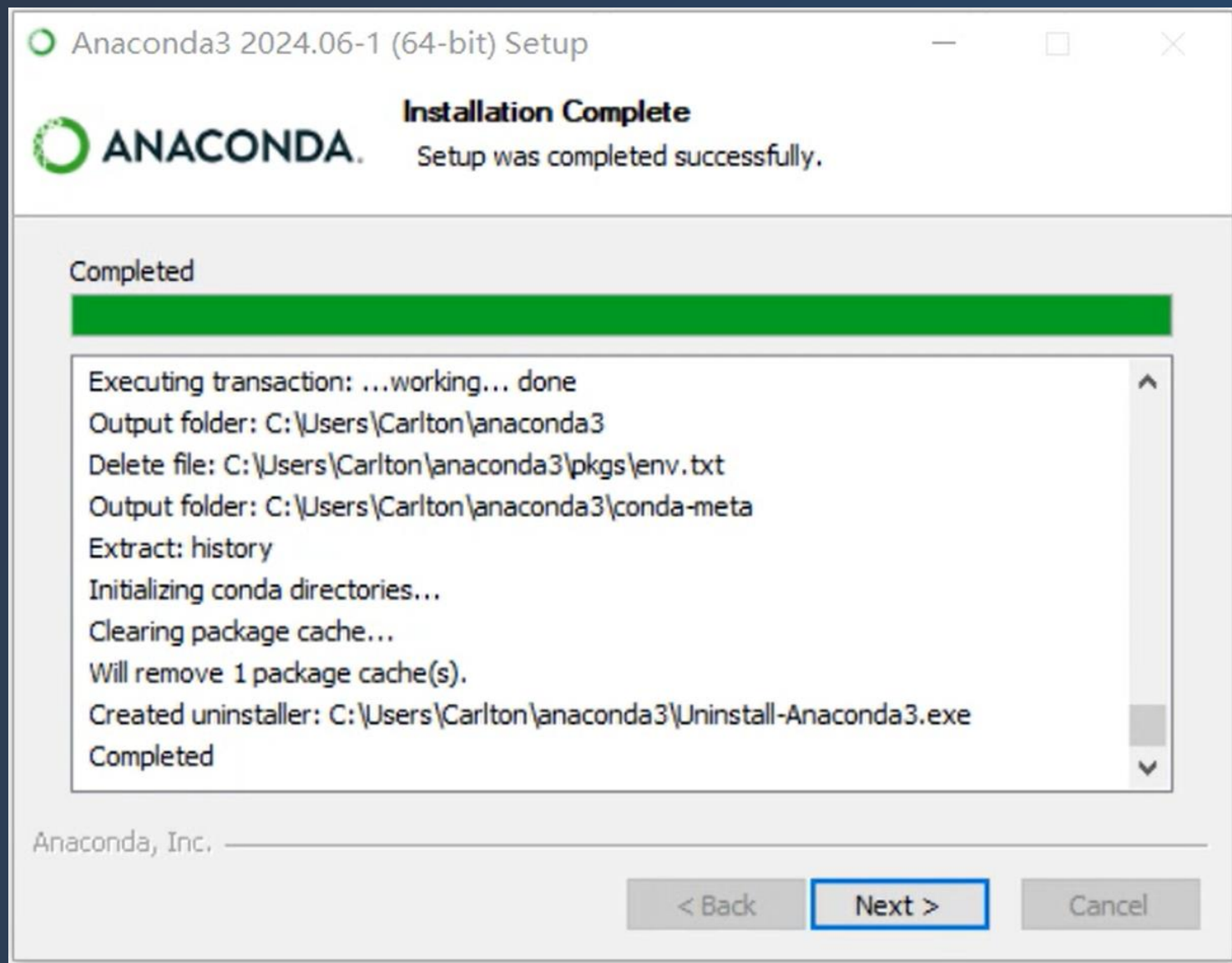
2. 下载安装



2. 下载安装



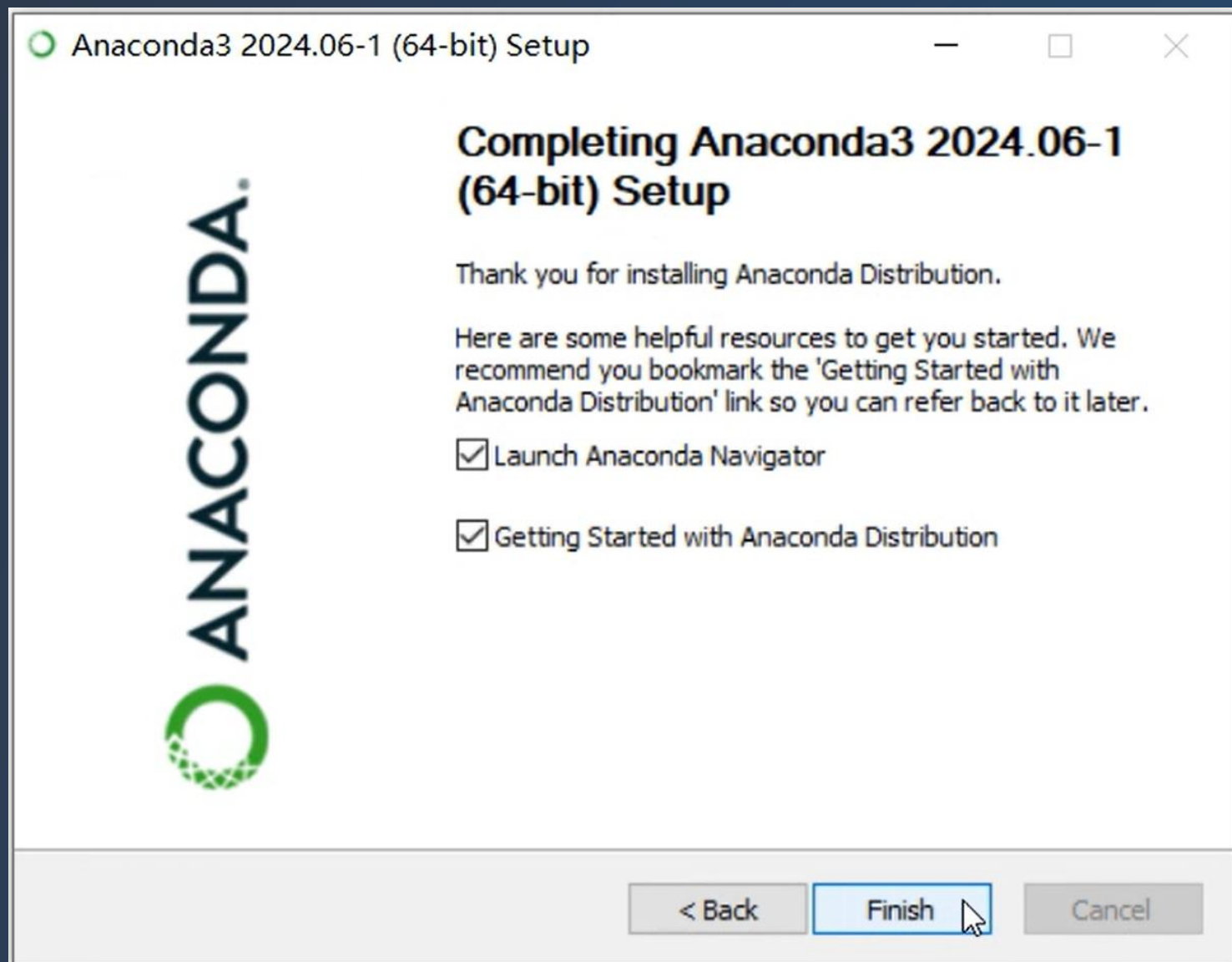
2. 下载安装



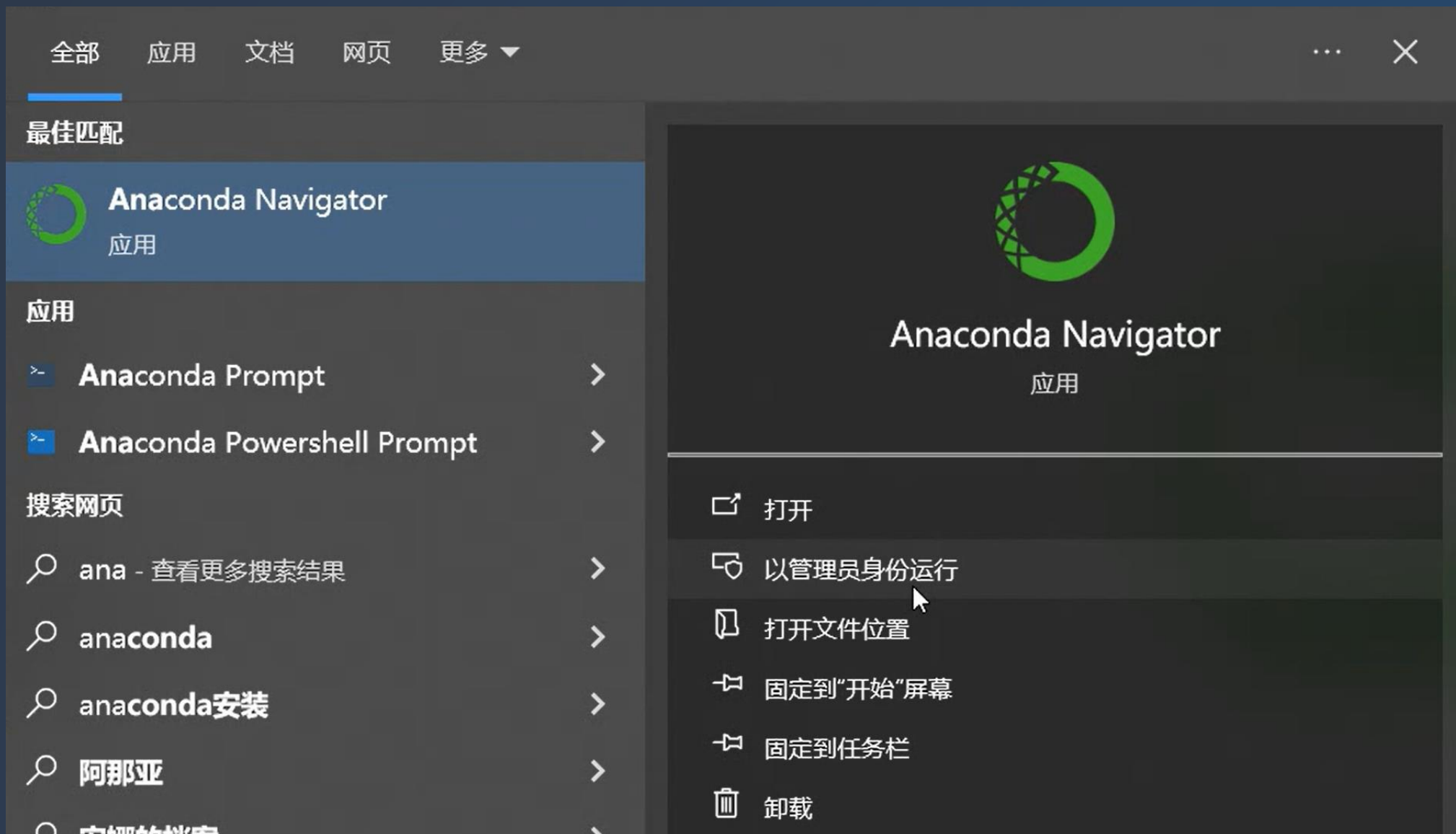
2. 下载安装



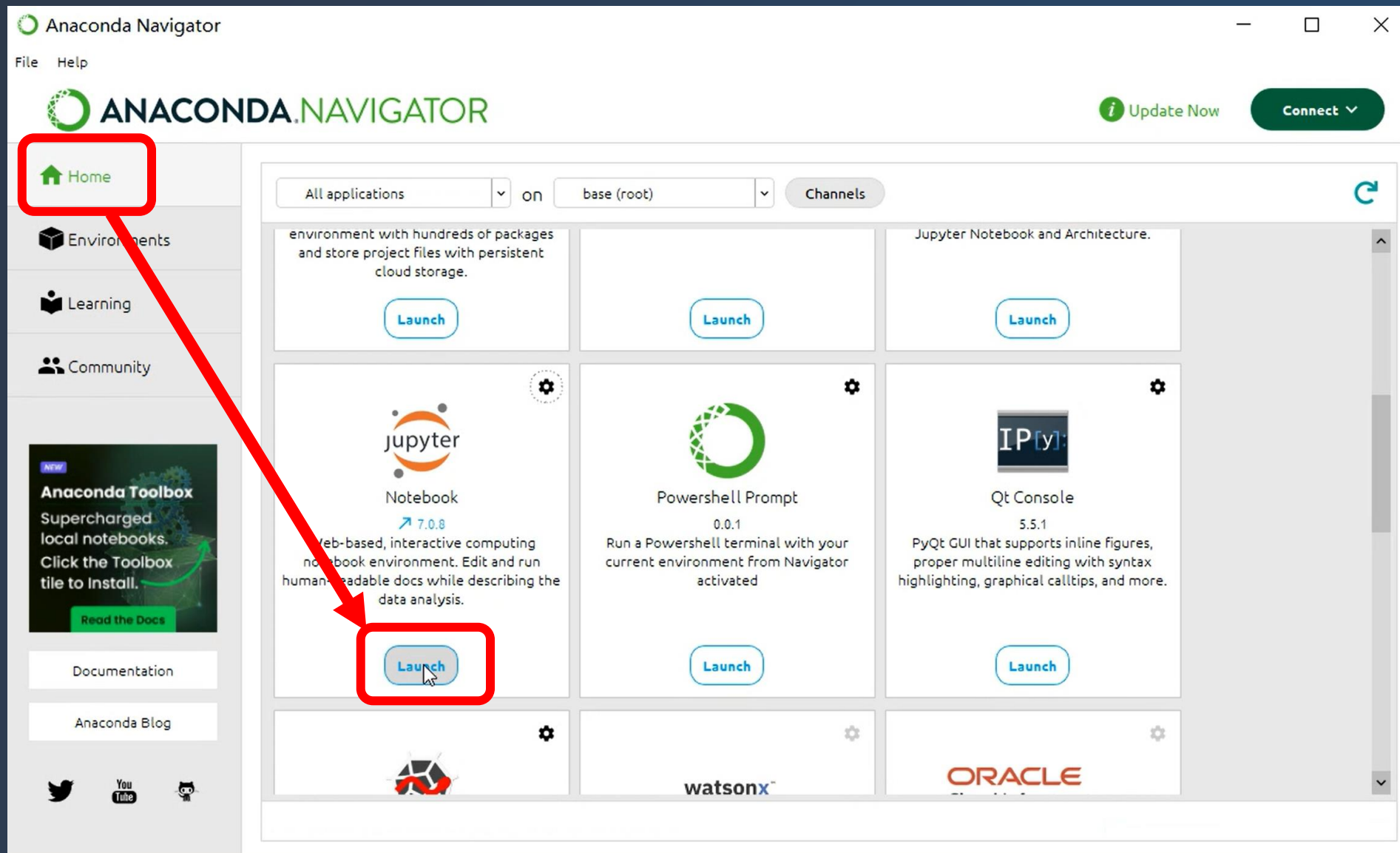
2. 下载安装



3.启动Anaconda Navigator



3.启动Jupyter Notebook (Home)



3.启动Jupyter Notebook (Home)

The screenshot shows the Jupyter Notebook Home interface in a web browser. The browser's address bar displays `localhost:8888/tree`. The Jupyter logo is visible at the top, followed by a navigation menu with `File`, `View`, `Settings`, and `Help`.

Below the menu, there are two tabs: `Files` and `Running`. The `Files` tab is active. A message above the file list says "Select items to perform actions on them." To the right of this message are three buttons: `New`, `Upload`, and a refresh icon.

The file list shows the root directory `/`. Below it is a table with columns `Name`, `Last Modified`, and `File Size`. The `Name` column has a checkbox and an upward arrow. The `Last Modified` column shows relative timestamps, and the `File Size` column is currently empty.

<input type="checkbox"/> Name	Last Modified	File Size
<input type="checkbox"/> 3D Objects	next year	
<input type="checkbox"/> anaconda3	3 minutes ago	
<input type="checkbox"/> Contacts	next year	
<input type="checkbox"/> Desktop	10 hours ago	
<input type="checkbox"/> Documents	7 minutes ago	
<input type="checkbox"/> Downloads	17 minutes ago	
<input type="checkbox"/> Favorites	next year	
<input type="checkbox"/> Links	next year	
<input type="checkbox"/> Music	next year	
<input type="checkbox"/> OneDrive	11 hours ago	
<input type="checkbox"/> Pictures	next year	
<input type="checkbox"/> Saved Games	next year	
<input type="checkbox"/> Searches	11 hours ago	
<input type="checkbox"/> Videos	next year	

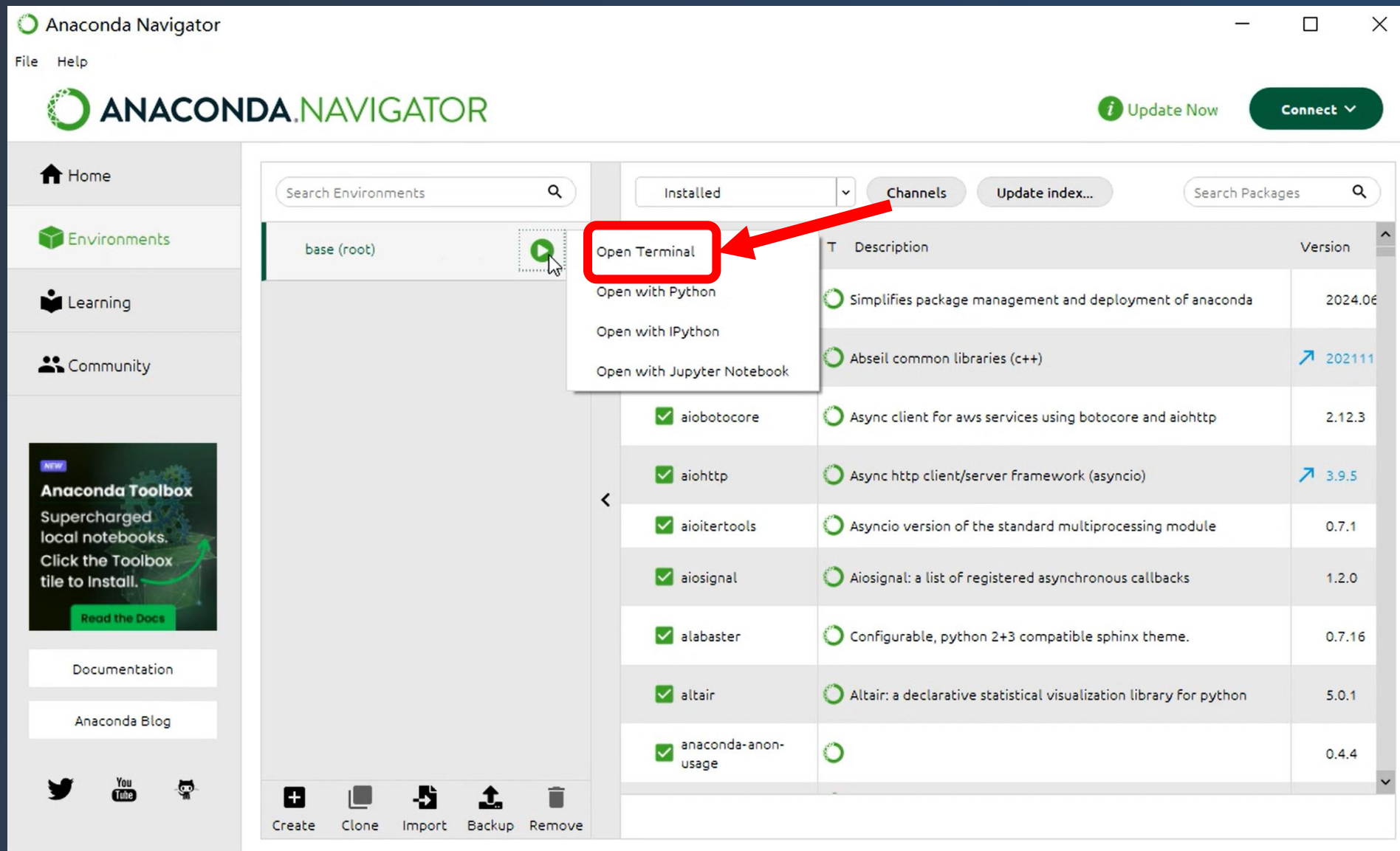
3.启动Jupyter Notebook (Terminal)

The screenshot shows the Anaconda Navigator application window. On the left sidebar, the 'Environments' tab is highlighted with a red box. A red arrow points from this tab to a green play button icon in the 'base (root)' environment row of the 'Search Environments' section. The main panel displays a list of installed packages with the following table:

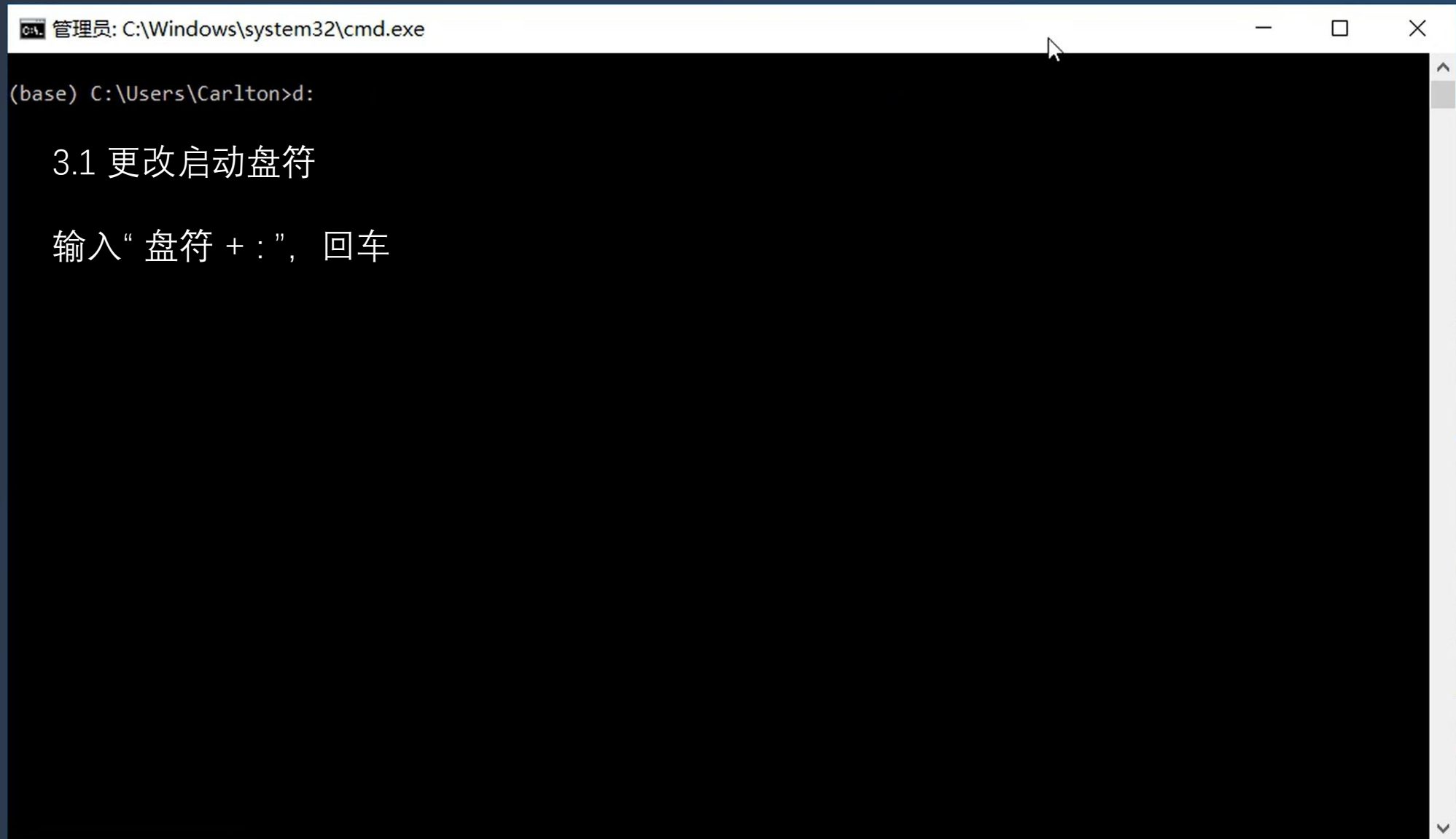
Name	Description	Version
✓ _anaconda_depends	Simplifies package management and deployment of anaconda	2024.06
✓ abseil-cpp	Abseil common libraries (c++)	202111
✓ aiobotocore	Async client for aws services using botocore and aiohttp	2.12.3
✓ aiohttp	Async http client/server framework (asyncio)	3.9.5
✓ aioitertools	Asyncio version of the standard multiprocessing module	0.7.1
✓ aiosignal	Aiosignal: a list of registered asynchronous callbacks	1.2.0
✓ alabaster	Configurable, python 2+3 compatible sphinx theme.	0.7.16
✓ altair	Altair: a declarative statistical visualization library for python	5.0.1
✓ anaconda-anon-usage		0.4.4

At the bottom of the interface, there are buttons for 'Create', 'Clone', 'Import', 'Backup', and 'Remove'.

3.启动Jupyter Notebook (Terminal)



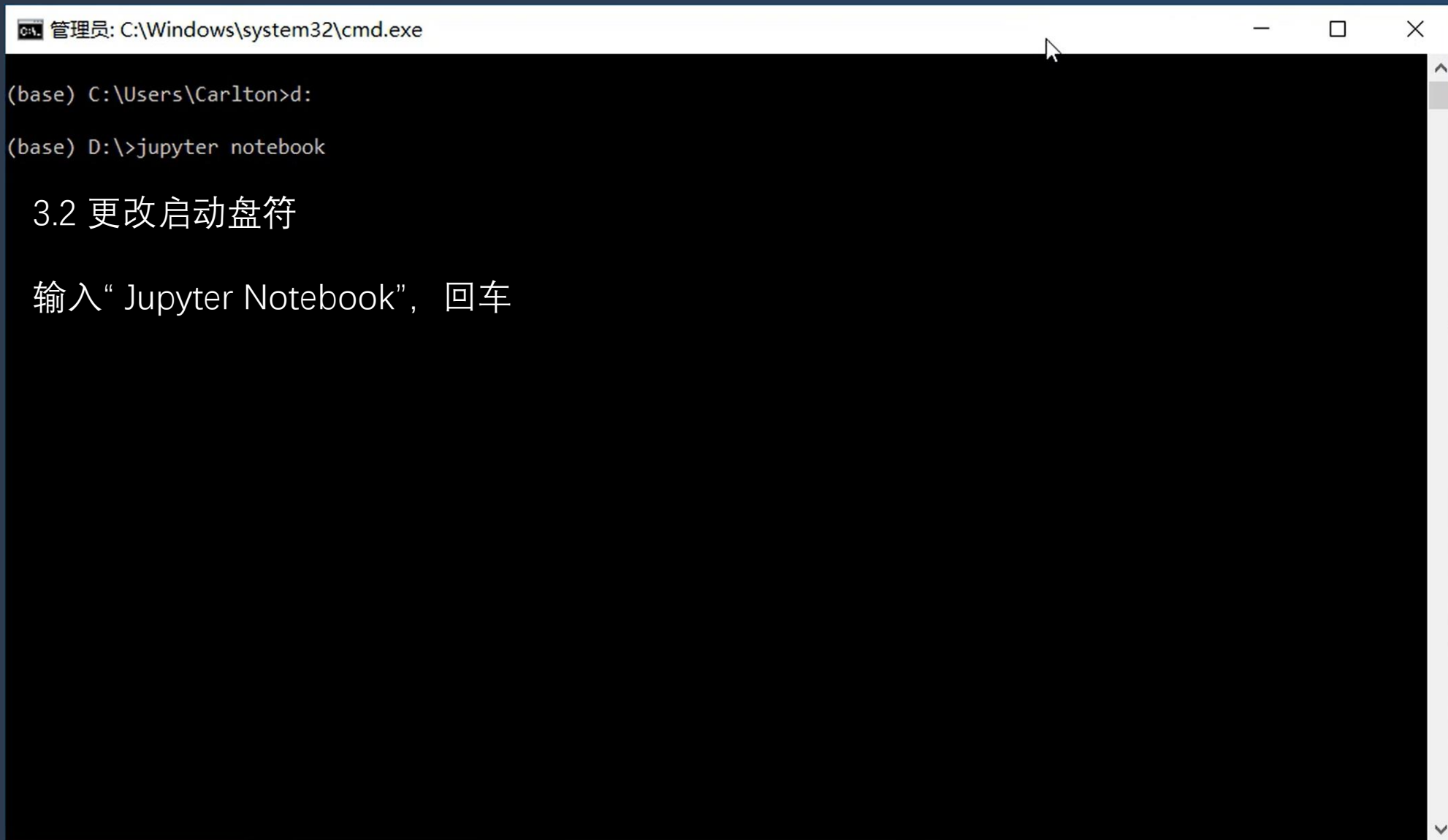
3.启动Jupyter Notebook (Terminal)



```
管理员: C:\Windows\system32\cmd.exe
(base) C:\Users\Carlton>d:

3.1 更改启动盘符

输入“ 盘符 + :”, 回车
```



```
管理员: C:\Windows\system32\cmd.exe
(base) C:\Users\Carlton>d:
(base) D:\>jupyter notebook
```

3.2 更改启动盘符

输入“ Jupyter Notebook”， 回车

3.启动Jupyter Notebook (Terminal)

```
C:\Windows\system32\cmd.e: x + v
[I 2024-09-18 09:15:25.838 ServerApp] notebook | extension was successfully loaded.
[I 2024-09-18 09:15:25.839 ServerApp] Serving notebooks from local directory: D:\
[I 2024-09-18 09:15:25.839 ServerApp] Jupyter Server 2.14.1 is running at:
[I 2024-09-18 09:15:25.839 ServerApp] http://localhost:8888/tree?token=2b61b32978e88cd8ca01cd644e9da1899ada93d10150b4fb
[I 2024-09-18 09:15:25.839 ServerApp] http://127.0.0.1:8888/tree?token=2b61b32978e88cd8ca01cd644e9da1899ada93d10150b4fb
[I 2024-09-18 09:15:25.839 ServerApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirm
ation).
[E 2024-09-18 09:15:25.840 ServerApp] Failed to write server-info to C:\Users\dmiby\AppData\Roaming\jupyter\runtime\jpse
rver-24872.json: PermissionError(13, 'Permission denied')
Traceback (most recent call last):
  File "C:\Users\dmiby\anaconda3\Scripts\jupyter-notebook-script.py", line 10, in <module>
    sys.exit(main())
    ^^^^^^
  File "C:\Users\dmiby\anaconda3\Lib\site-packages\jupyter_server\extension\application.py", line 623, in launch_instanc
e
    serverapp.start()
  File "C:\Users\dmiby\anaconda3\Lib\site-packages\jupyter_server\serverapp.py", line 3119, in start
    self.start_app()
  File "C:\Users\dmiby\anaconda3\Lib\site-packages\jupyter_server\serverapp.py", line 3023, in start_app
    self.write_browser_open_files()
  File "C:\Users\dmiby\anaconda3\Lib\site-packages\jupyter_server\serverapp.py", line 2890, in write_browser_open_files
    self.write_browser_open_file()
  File "C:\Users\dmiby\anaconda3\Lib\site-packages\jupyter_server\serverapp.py", line 2913, in write_browser_open_file
    with open(self.browser_open_file, "w", encoding="utf-8") as f:
PermissionError: [Errno 13] Permission denied: 'C:\\Users\\dmiby\\AppData\\Roaming\\jupyter\\runtime\\jpserver-24872-ope
n.html'

(base) D:\>
```

如果出现“Permission denied”报错信息，请关闭Anaconda，并重新以“管理员身份运行”

3.启动Jupyter Notebook (Terminal)

```
C:\Windows\system32\cmd.exe - Jupyter Notebook

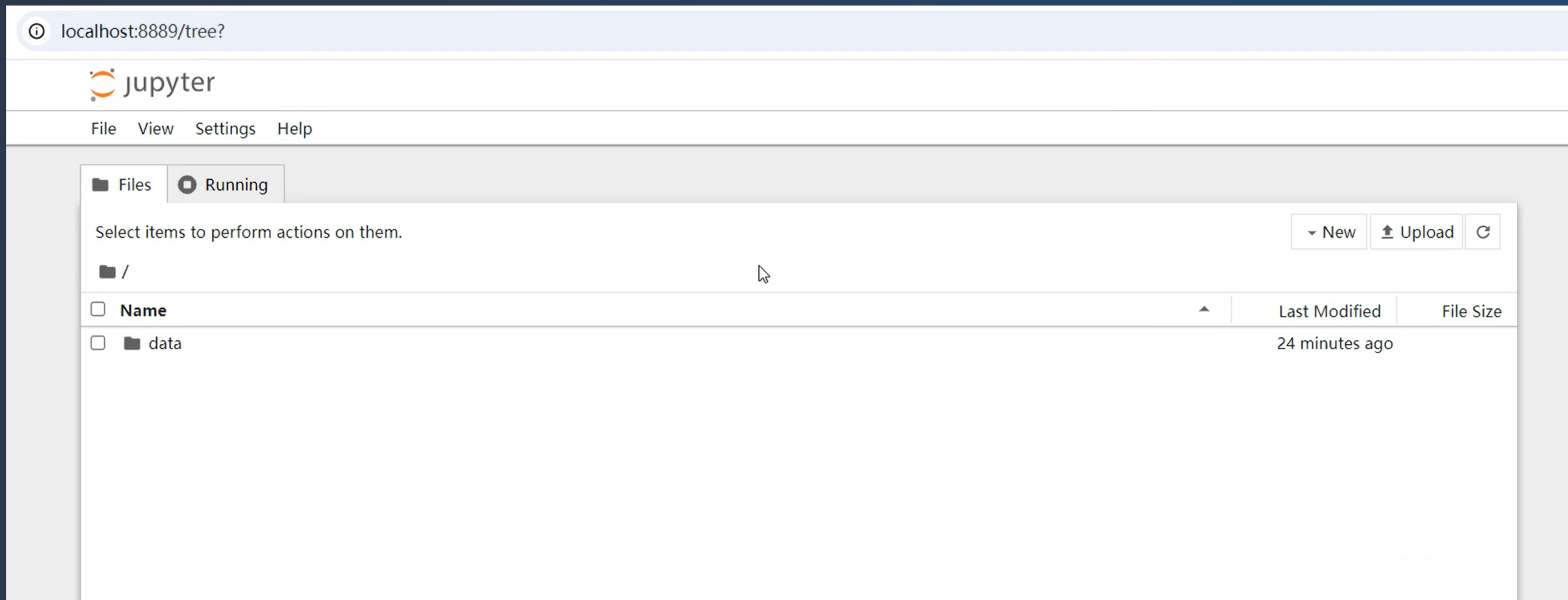
[I 2024-09-18 09:21:55.704 ServerApp] notebook | extension was successfully linked.
[I 2024-09-18 09:21:56.045 ServerApp] notebook_shim | extension was successfully linked.
[I 2024-09-18 09:21:56.089 ServerApp] notebook_shim | extension was successfully loaded.
[I 2024-09-18 09:21:56.091 ServerApp] jupyter_lsp | extension was successfully loaded.
[I 2024-09-18 09:21:56.092 ServerApp] jupyter_server_terminals | extension was successfully loaded.
[I 2024-09-18 09:21:56.094 LabApp] JupyterLab extension loaded from C:\Users\dmiby\anaconda3\Lib\site-packages\jupyterlab
[I 2024-09-18 09:21:56.094 LabApp] JupyterLab application directory is C:\Users\dmiby\anaconda3\share\jupyter\lab
[I 2024-09-18 09:21:56.095 LabApp] Extension Manager is 'pypi'.
[I 2024-09-18 09:21:56.096 ServerApp] jupyterlab | extension was successfully loaded.
[I 2024-09-18 09:21:56.100 ServerApp] notebook | extension was successfully loaded.
[I 2024-09-18 09:21:56.101 ServerApp] Serving notebooks from local directory: C:\Users\dmiby
[I 2024-09-18 09:21:56.101 ServerApp] Jupyter Server 2.14.1 is running at:
[I 2024-09-18 09:21:56.101 ServerApp] http://localhost:8888/tree?token=ffbf3290a996b400cd592afbf3f876878b97e3ef2417b134
[I 2024-09-18 09:21:56.101 ServerApp] http://127.0.0.1:8888/tree?token=ffbf3290a996b400cd592afbf3f876878b97e3ef2417b134
[I 2024-09-18 09:21:56.101 ServerApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).

[C 2024-09-18 09:21:56.166 ServerApp]

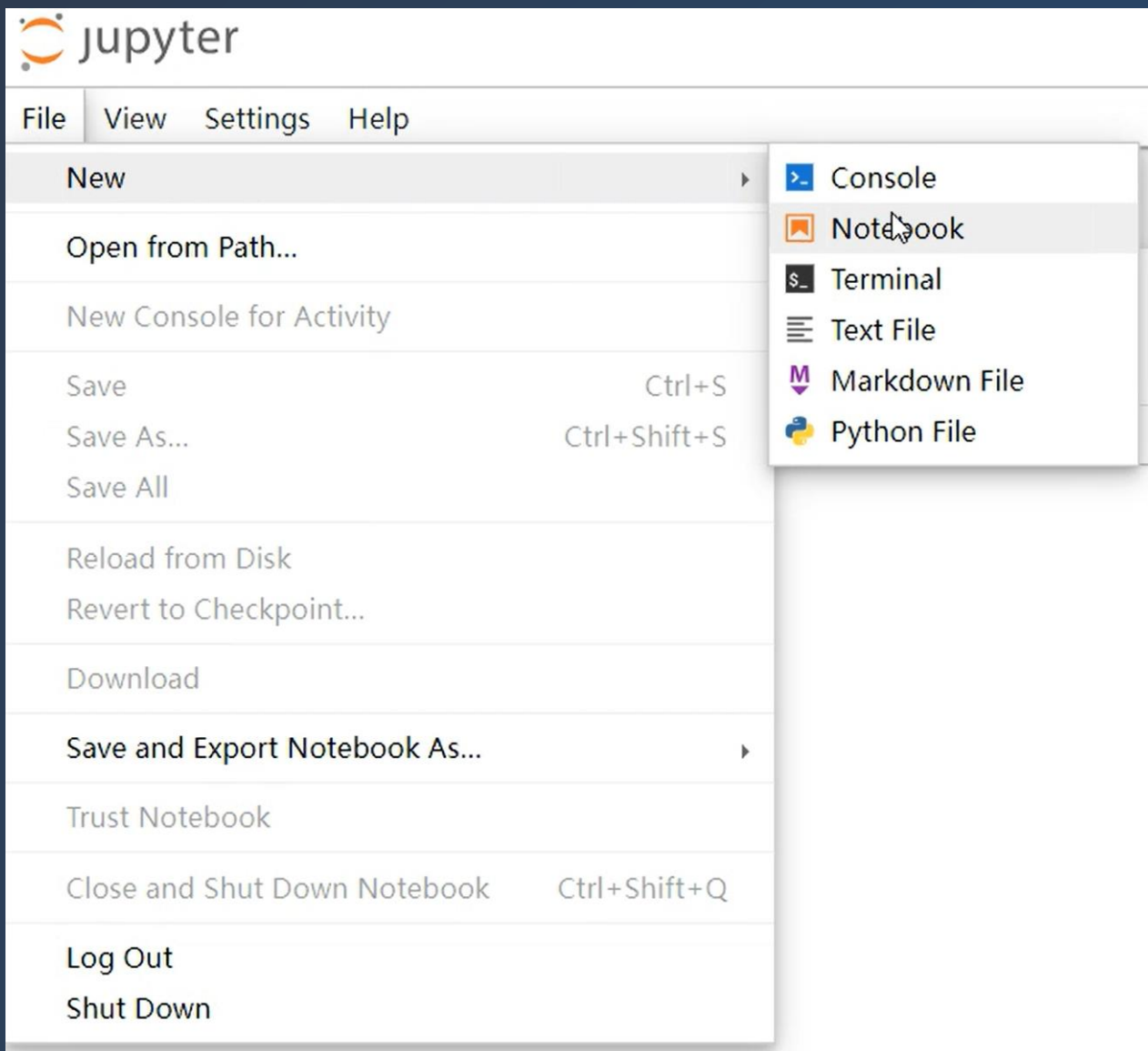
To access the server, open this file in a browser:
file:///C:/Users/dmiby/AppData/Roaming/jupyter/runtime/jpserver-23632-open.html
Or copy and paste one of these URLs:
http://localhost:8888/tree?token=ffbf3290a996b400cd592afbf3f876878b97e3ef2417b134
http://127.0.0.1:8888/tree?token=ffbf3290a996b400cd592afbf3f876878b97e3ef2417b134
[I 2024-09-18 09:21:56.436 ServerApp] Skipped non-installed server(s): bash-language-server, dockerfile-language-server-nodejs, javascript-typescript-langserver, jedi-language-server, julia-language-server, pyright, python-language-server, python-lsp-server, r-languageserver, sql-language-server, texlab, typescript-language-server, unified-language-server, vscode-css-languageserver-bin, vscode-html-languageserver-bin, vscode-json-languageserver-bin, yaml-language-server
```

如果出现无法自动弹出Jupyter Notebook, 请复制URLs至浏览器中

4.运行Jupyter Notebook



4.运行Jupyter Notebook



Select Kernel

Select kernel for: "Untitled.ipynb"

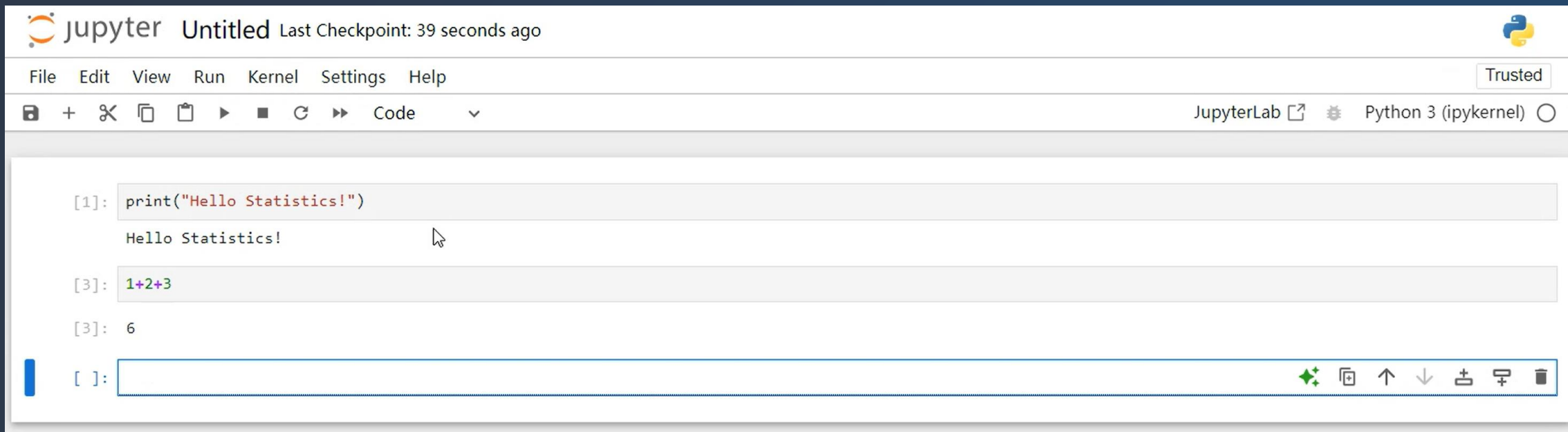
Python 3 (ipykernel) ▼

☐ Always start the preferred kernel

No Kernel

Select

4.运行Jupyter Notebook



编写代码: `print("Hello Statistics")`
Shift+回车

编写代码: `1+2+3`
Shift+回车

Jupyter Notebook常用快捷键

A、B、DD、.....

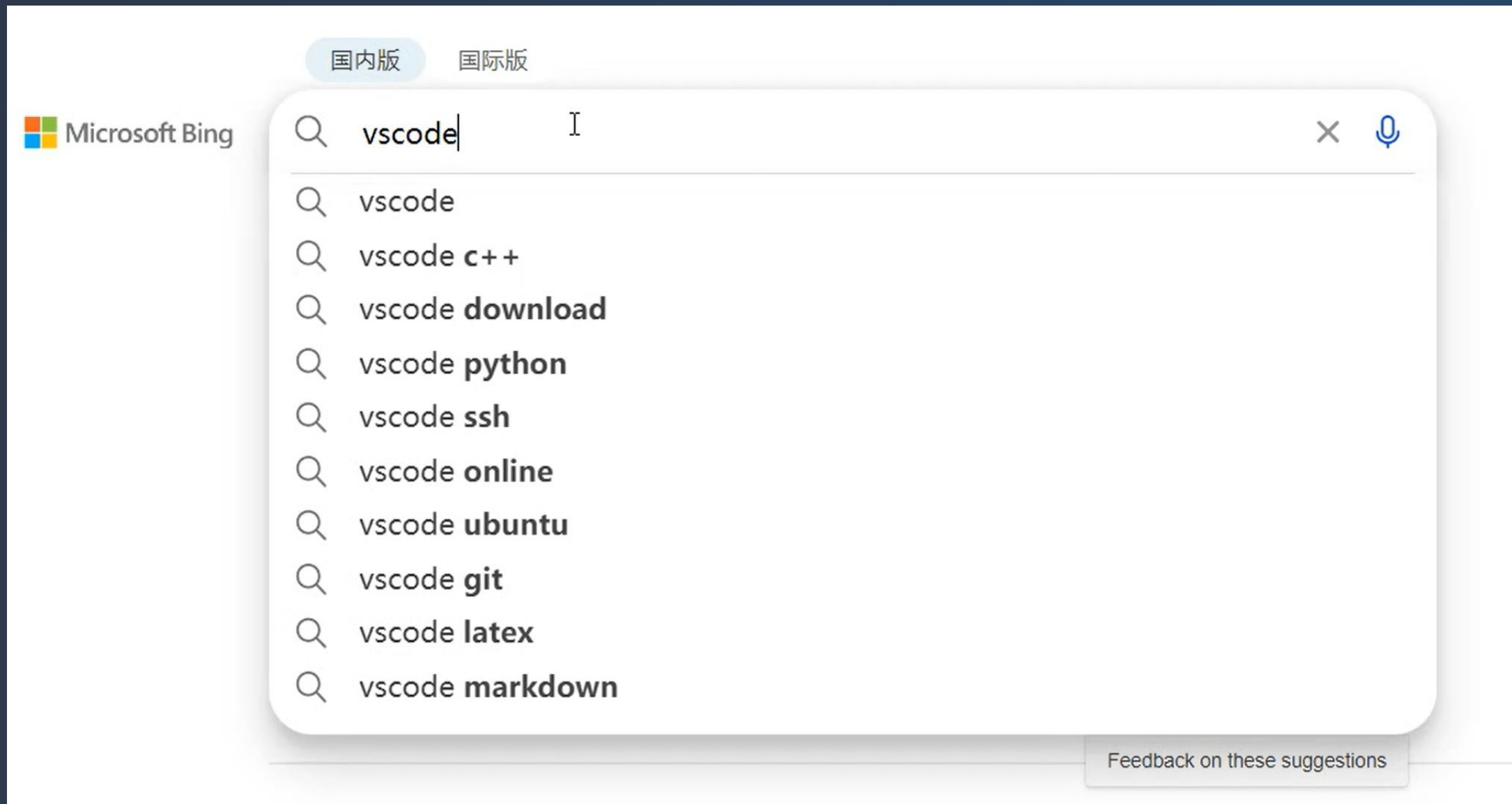


Vscode

Visual Studio Code（简称 VS Code）是一个由微软开发的免费、开源的代码编辑器。它支持多种编程语言，包括但不限于 JavaScript、TypeScript、Python、PHP、C++、C#、Go、Java、Ruby、Markdown 等，并且通过安装扩展可以支持更多的语言和功能。VS Code 的主要特点包括：

1. **轻量级：**虽然功能强大，但相对于其他一些集成开发环境（IDE），占用的资源较少，启动速度快。
2. **跨平台：**它支持 Windows、macOS 和 Linux 操作系统。
3. **智能代码补全：**提供基于语言的智能代码补全功能，提高编程效率。
4. **代码高亮和格式化：**支持代码高亮和自动格式化，使代码更易于阅读。
5. **自定义主题和快捷键：**允许用户自定义编辑器的主题、快捷键和其他设置，以适应个人的工作习惯。
6. **调试功能：**内置调试工具，支持多种语言和运行环境的调试。
7. **版本控制集成：**内置 Git 版本控制支持，方便代码的版本管理。
8. **远程开发：**支持远程开发功能，可以连接到远程服务器进行开发。

1.搜索官方下载链接



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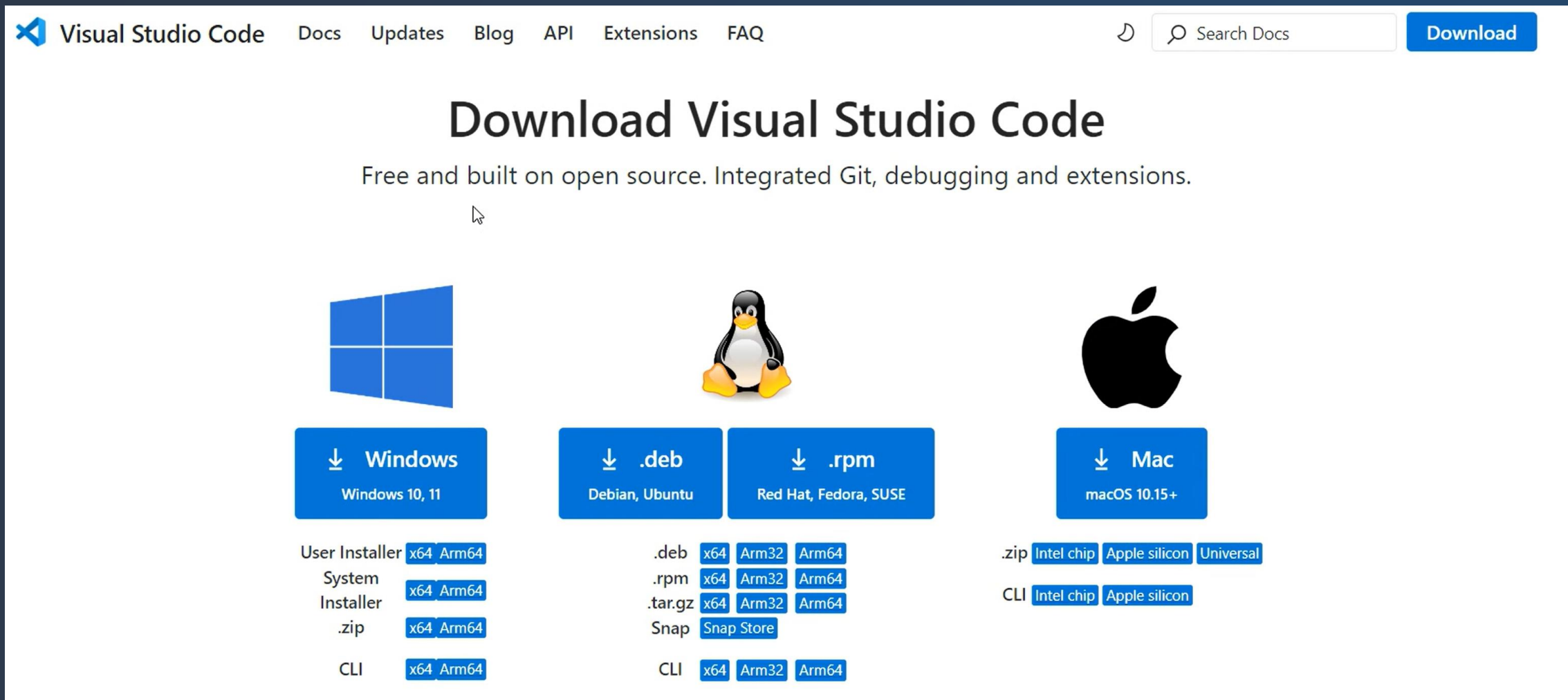
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1.搜索官方下载链接



The screenshot shows the Visual Studio Code download page. At the top, there is a navigation bar with links for Docs, Updates, Blog, API, Extensions, and FAQ. A search bar labeled 'Search Docs' and a 'Download' button are also present. The main heading is 'Download Visual Studio Code', followed by the tagline 'Free and built on open source. Integrated Git, debugging and extensions.' Below this, there are three main sections for different operating systems: Windows, Linux, and Mac. Each section has a download button and a list of available installers and their architectures.

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Windows
Windows 10, 11

User Installer x64 Arm64
System Installer x64 Arm64
.zip x64 Arm64
CLI x64 Arm64

Linux

.deb
Debian, Ubuntu

.rpm
Red Hat, Fedora, SUSE

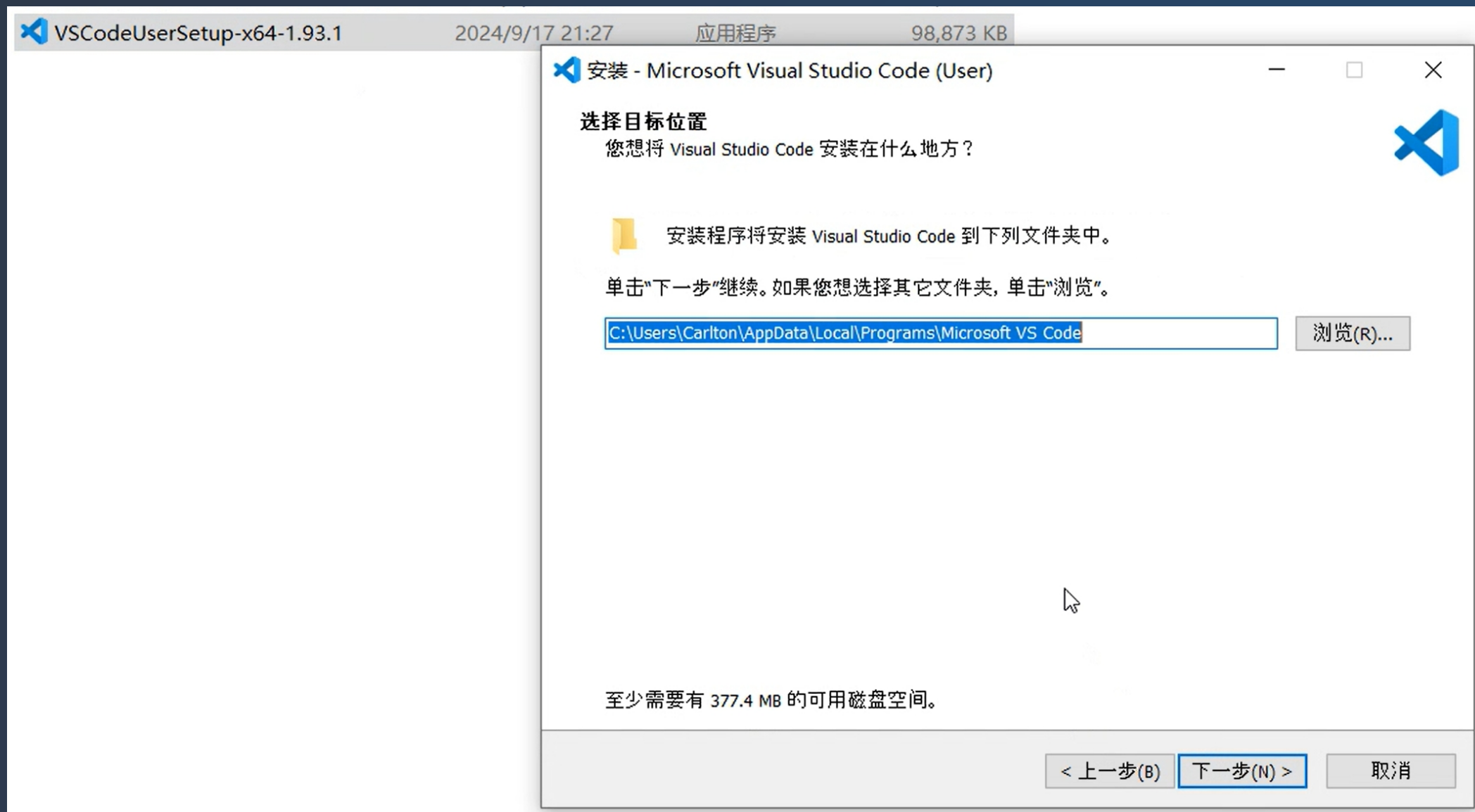
.deb x64 Arm32 Arm64
.rpm x64 Arm32 Arm64
.tar.gz x64 Arm32 Arm64
Snap Snap Store
CLI x64 Arm32 Arm64

Mac
macOS 10.15+

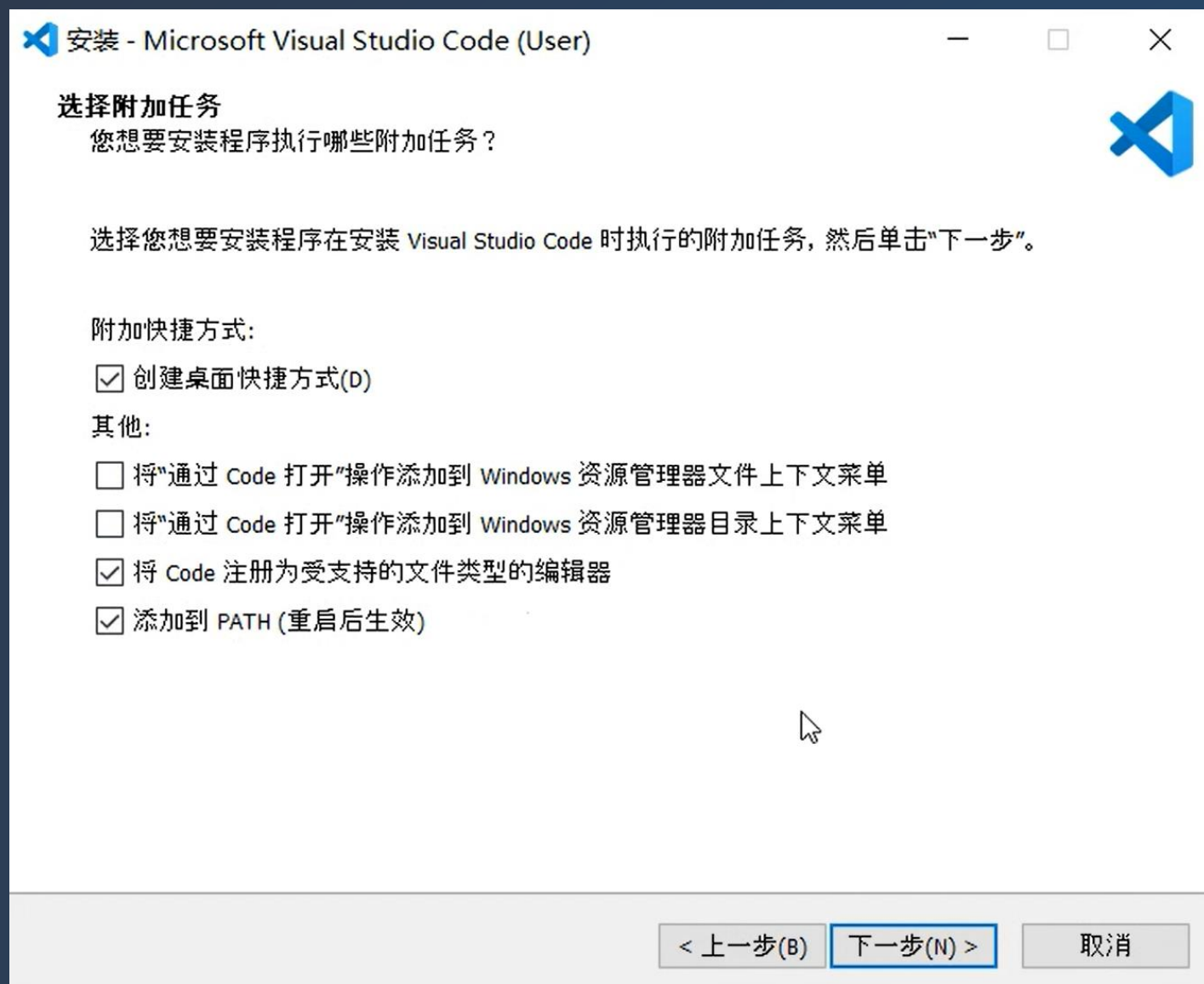
.zip Intel chip Apple silicon Universal
CLI Intel chip Apple silicon

<https://code.visualstudio.com/Download>

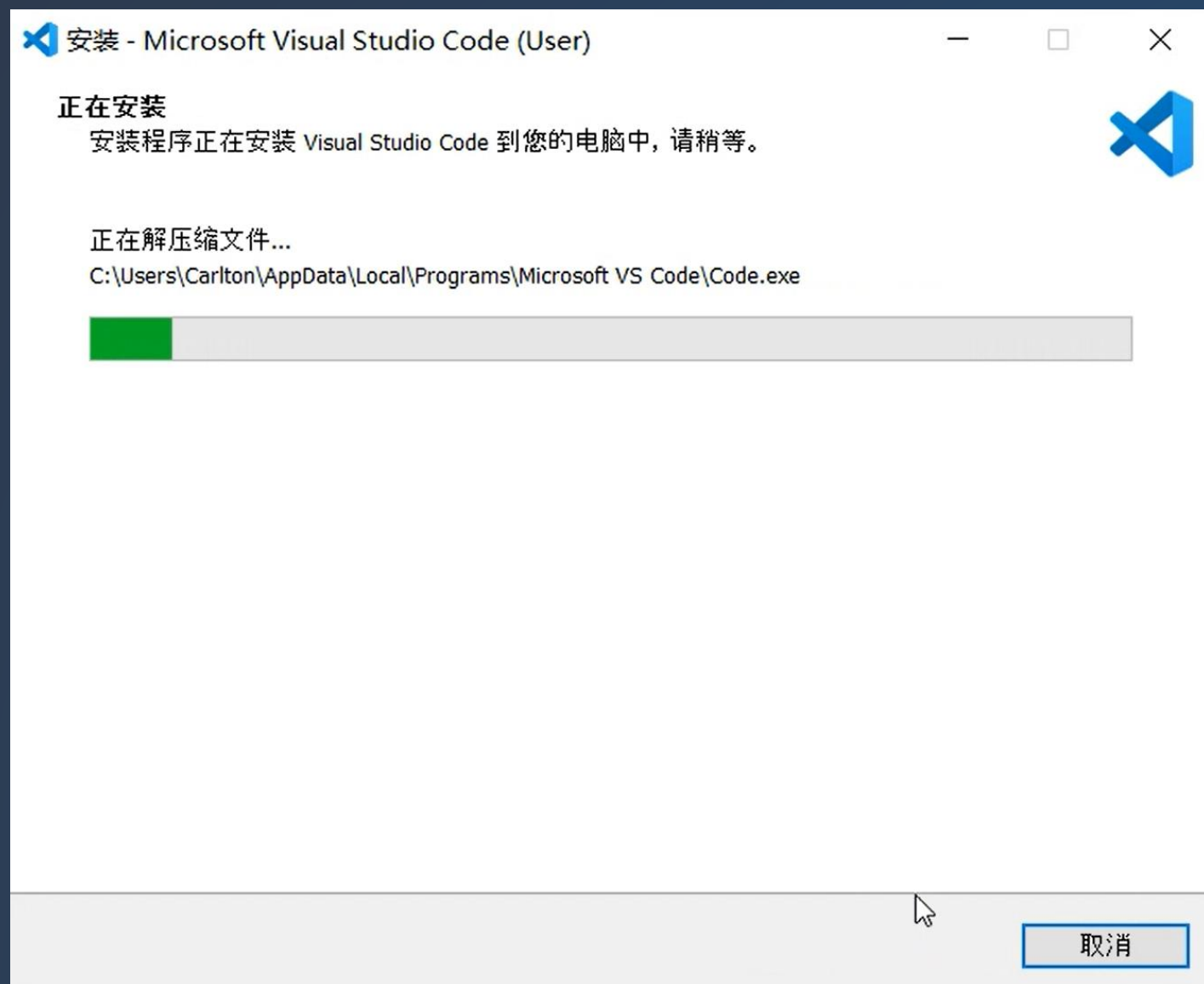
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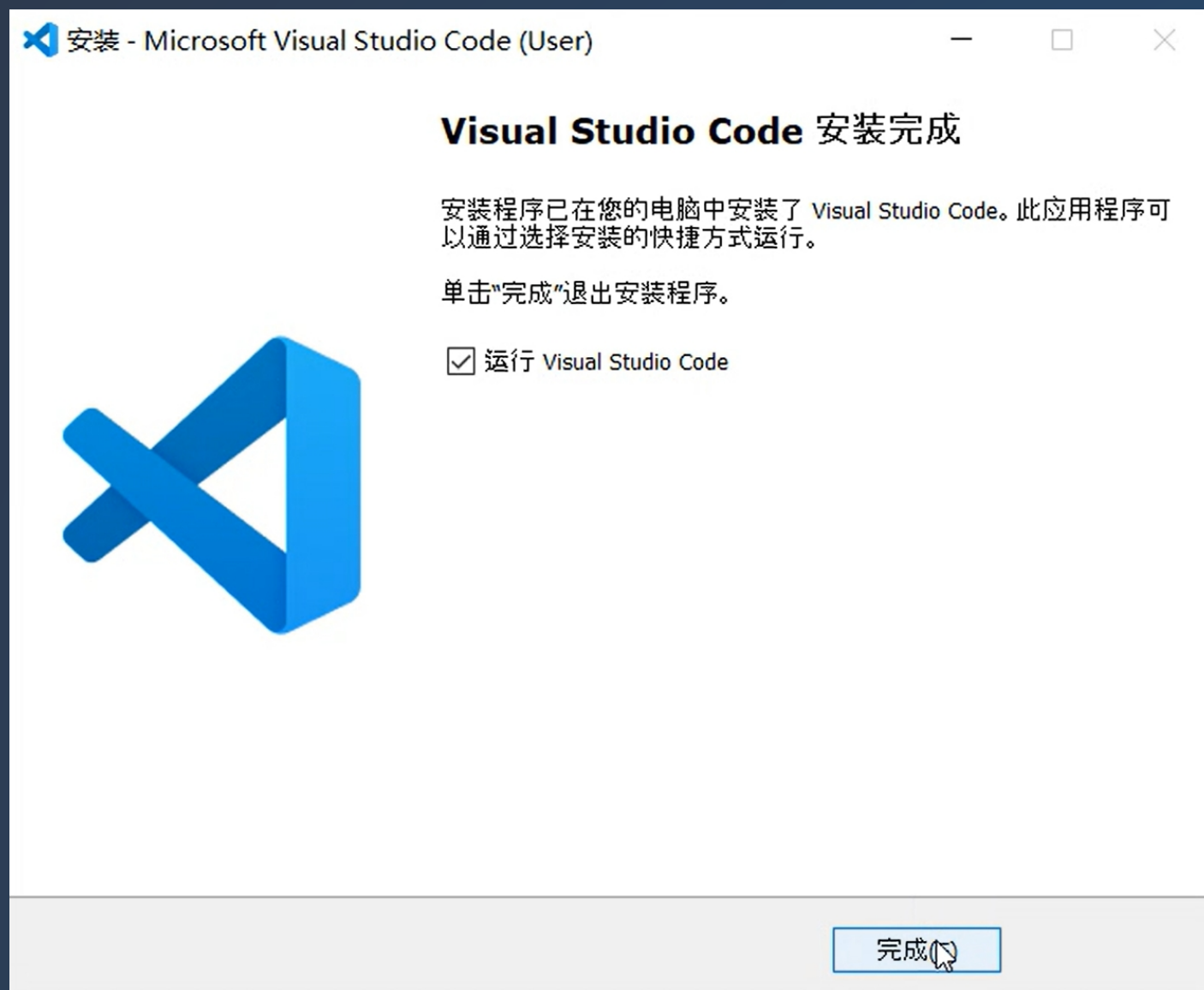
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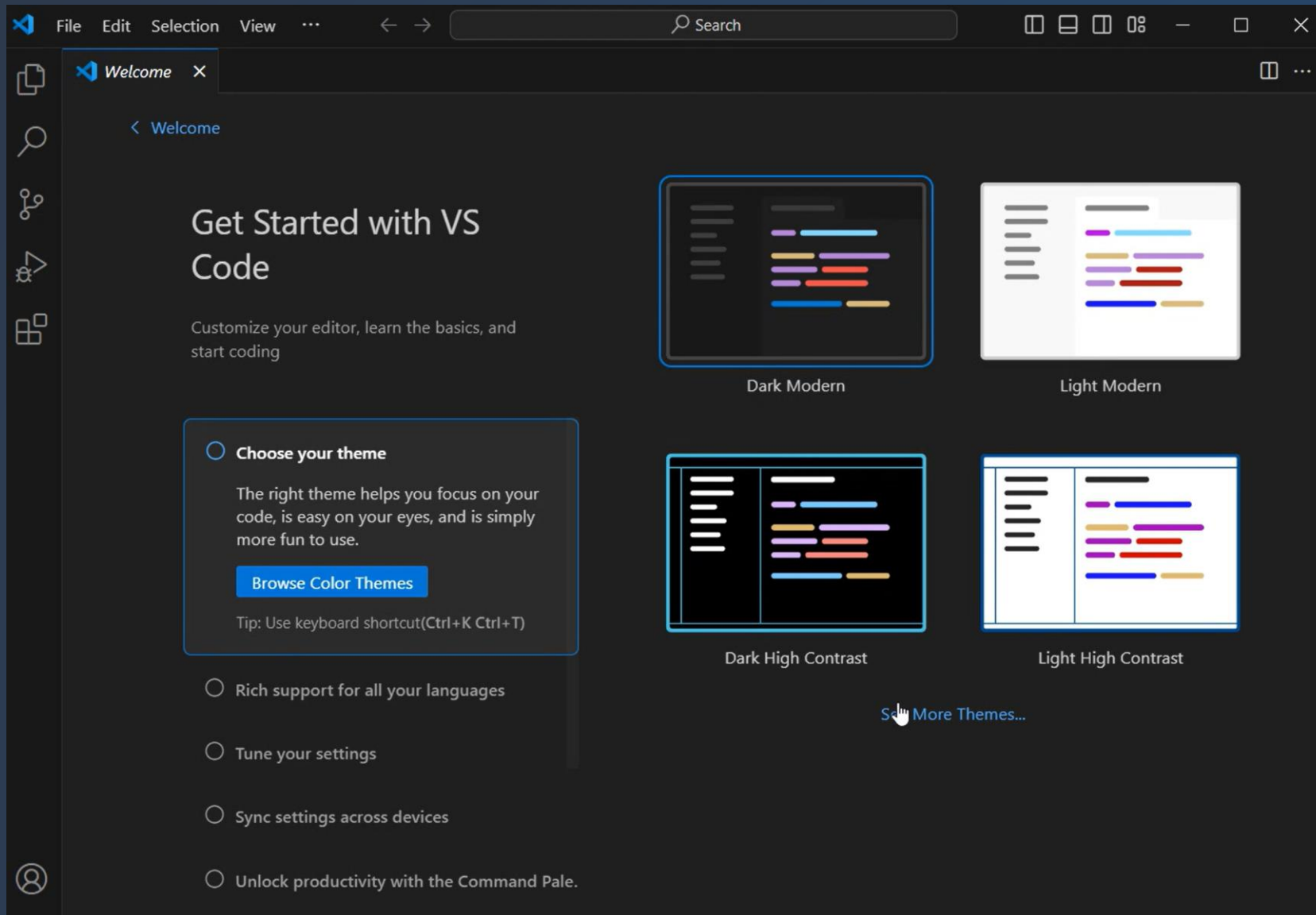
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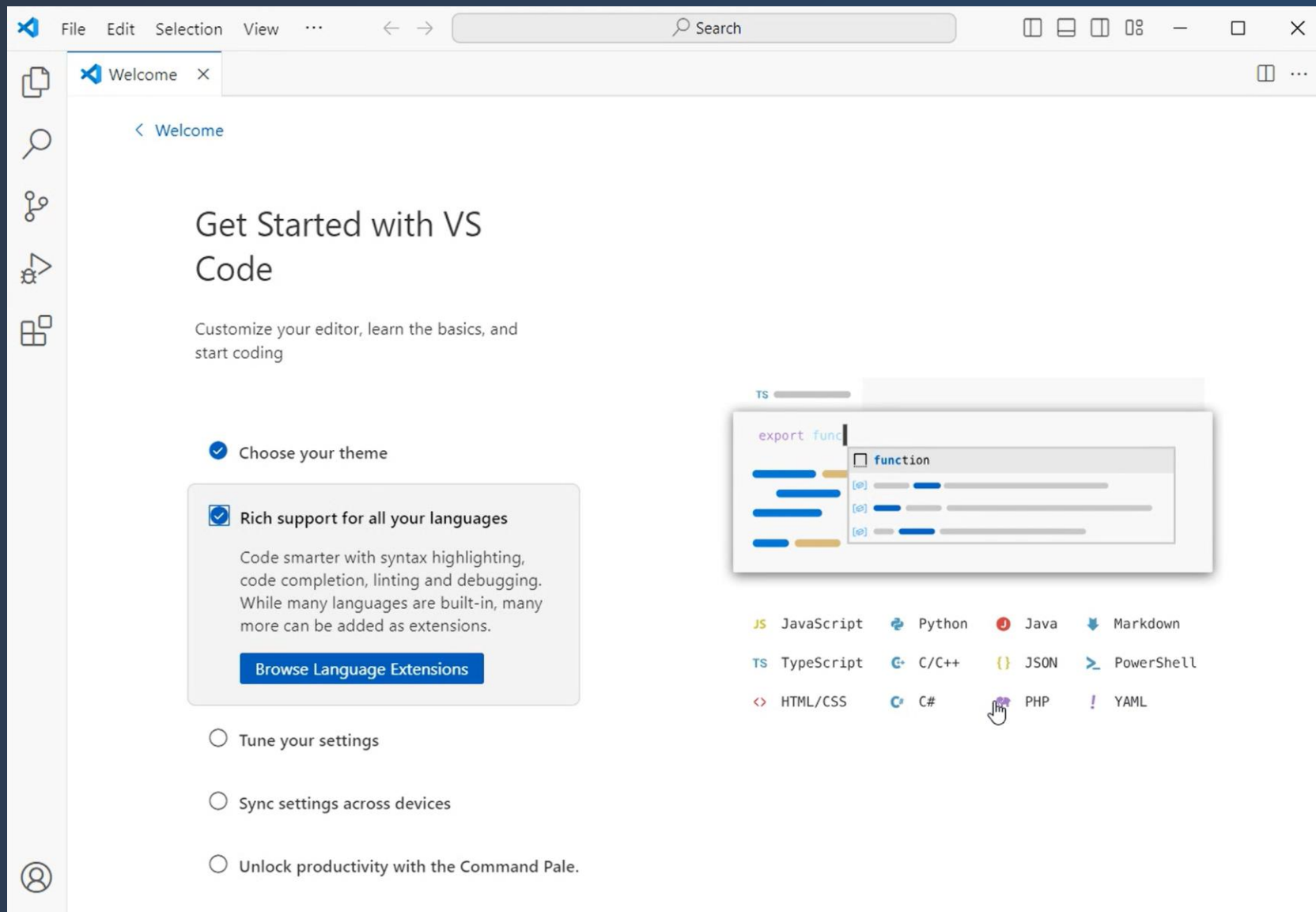
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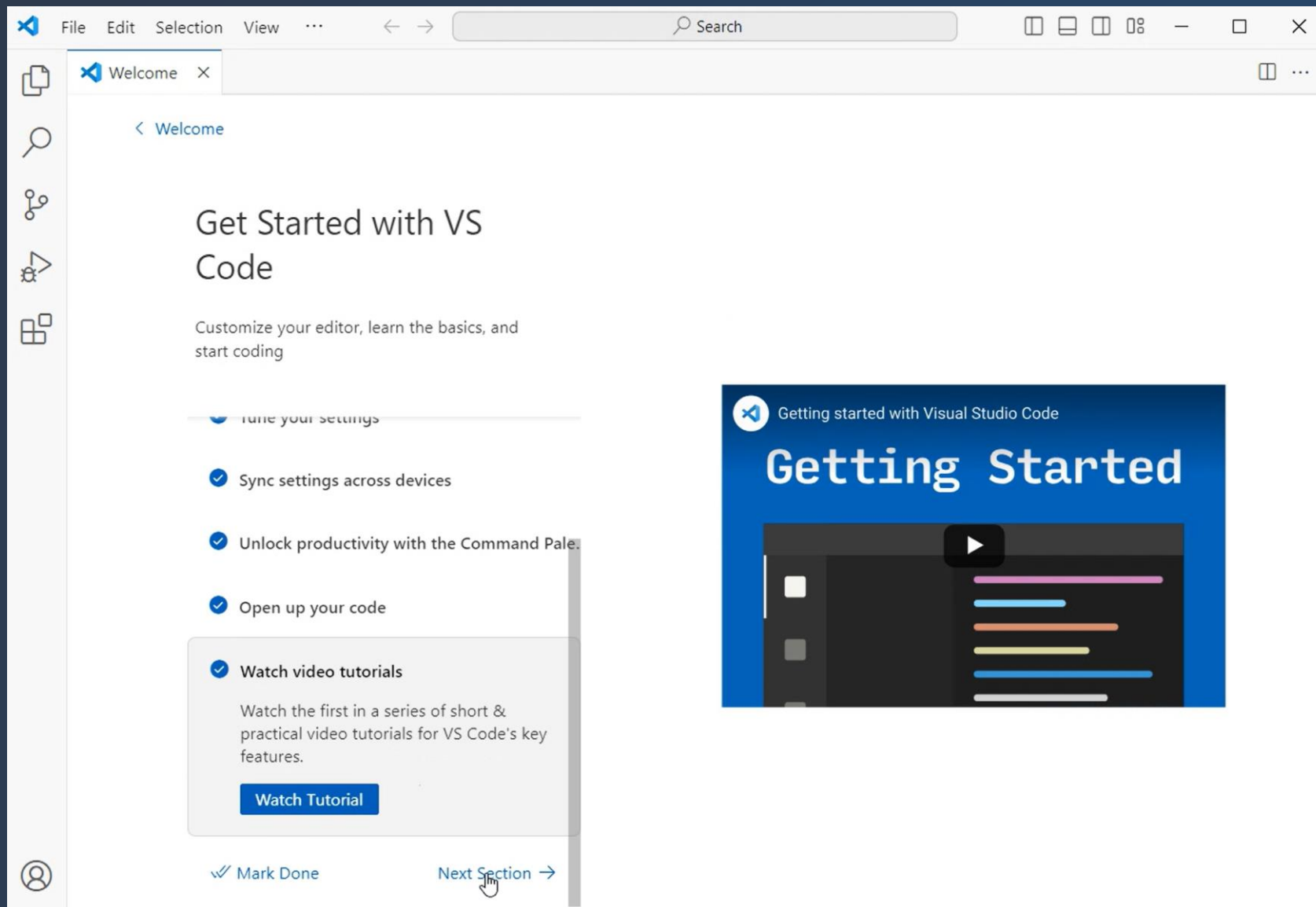
3.启动VScode



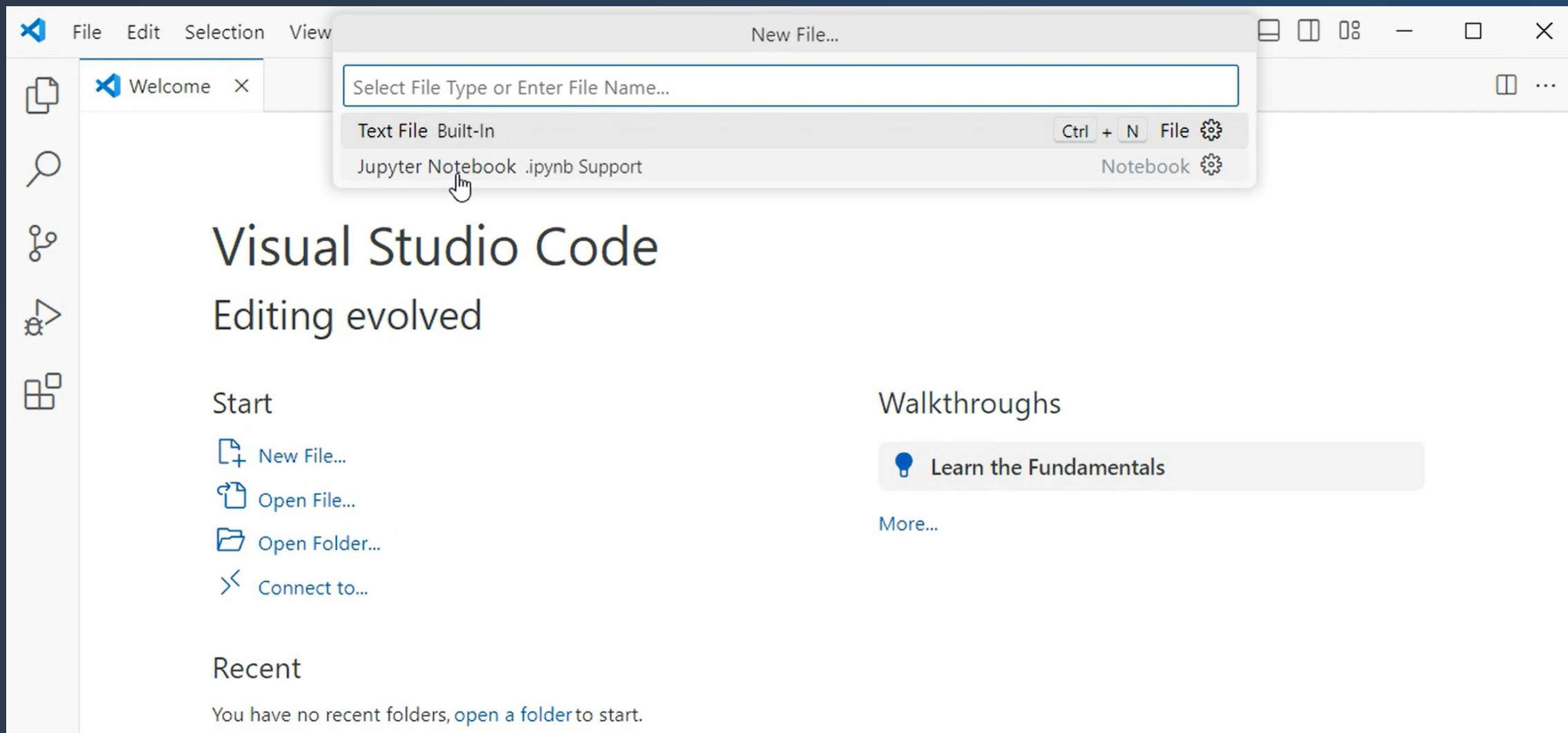
3.启动VScode



3.启动VScode

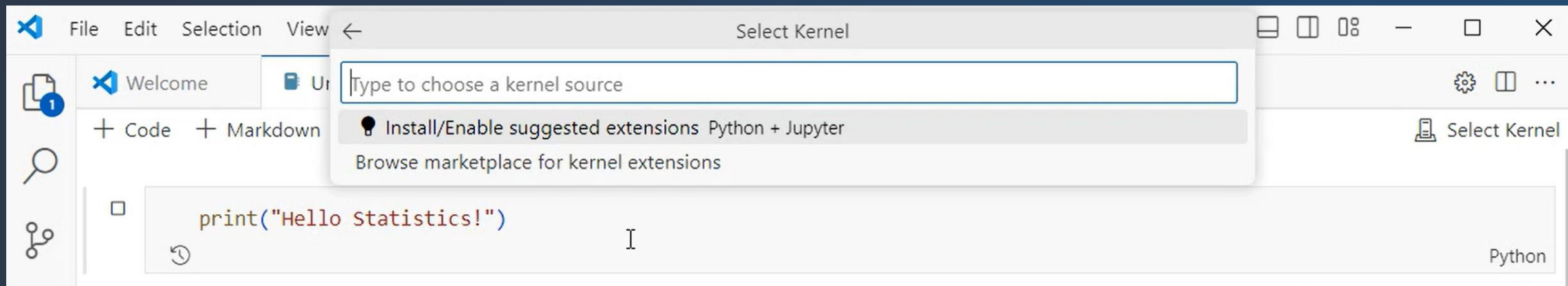


4.运行Jupyter Notebook

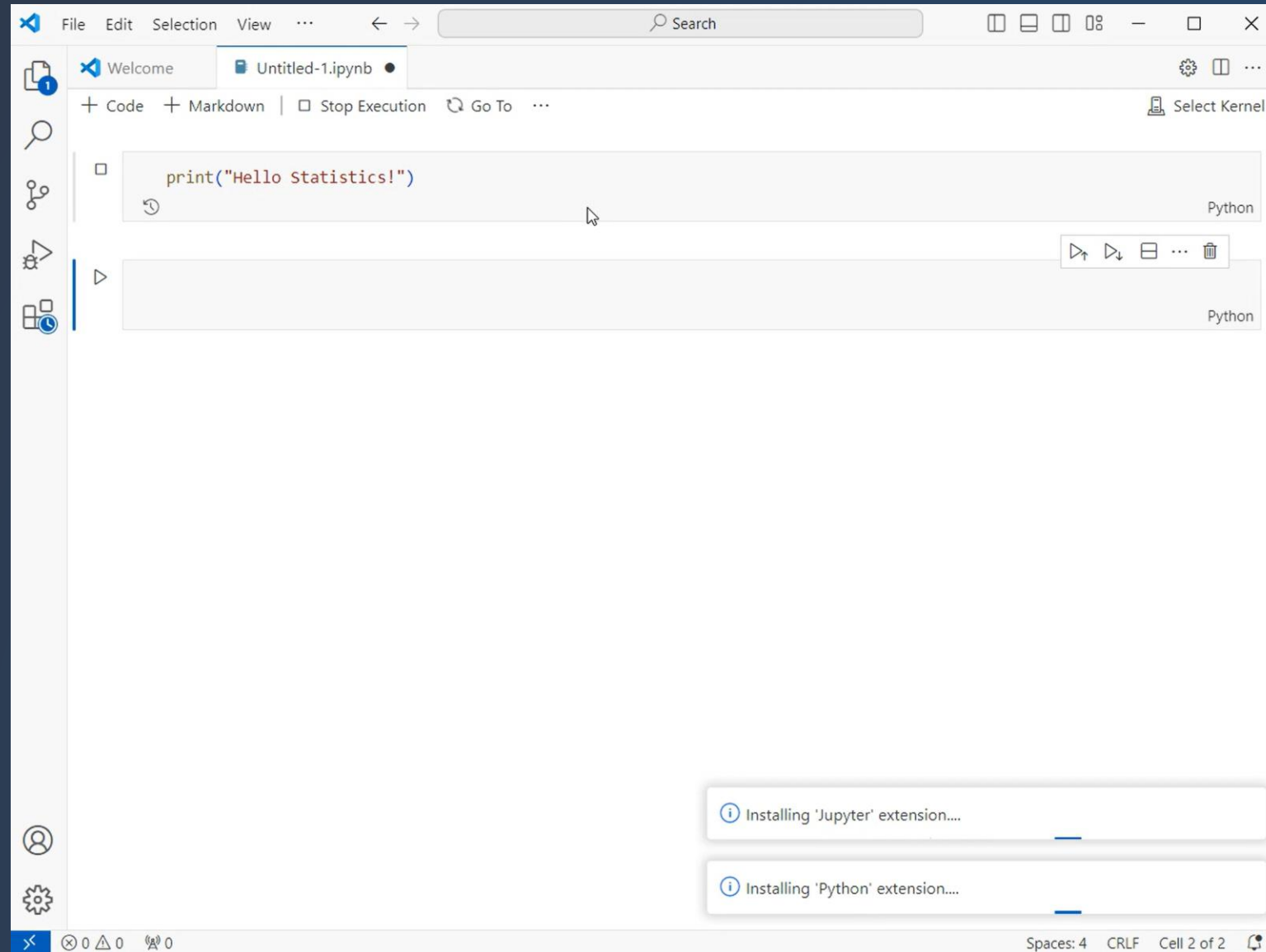


4.运行Jupyter Notebook

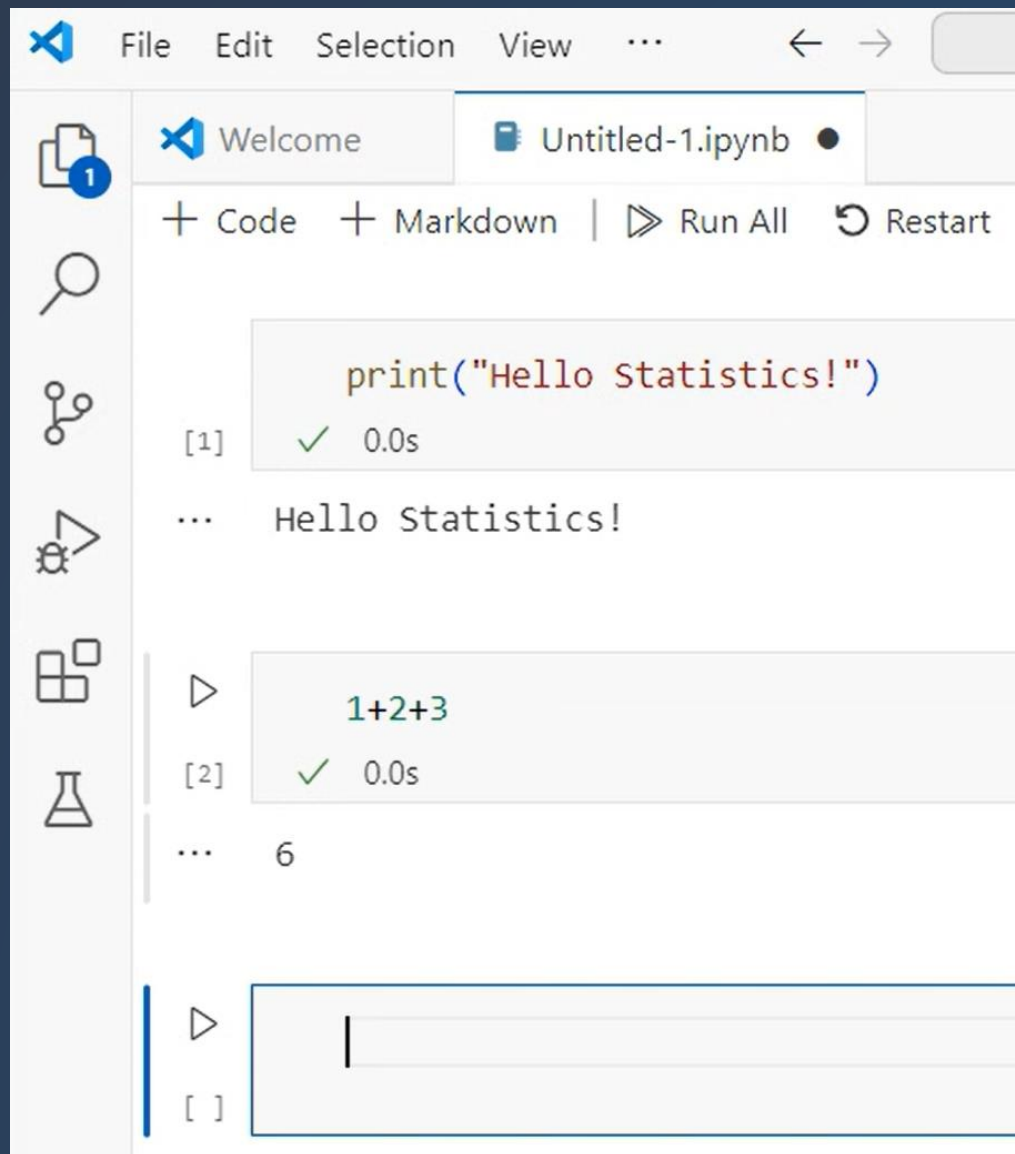
首次运行程序，自动安装Jupyter、Python插件



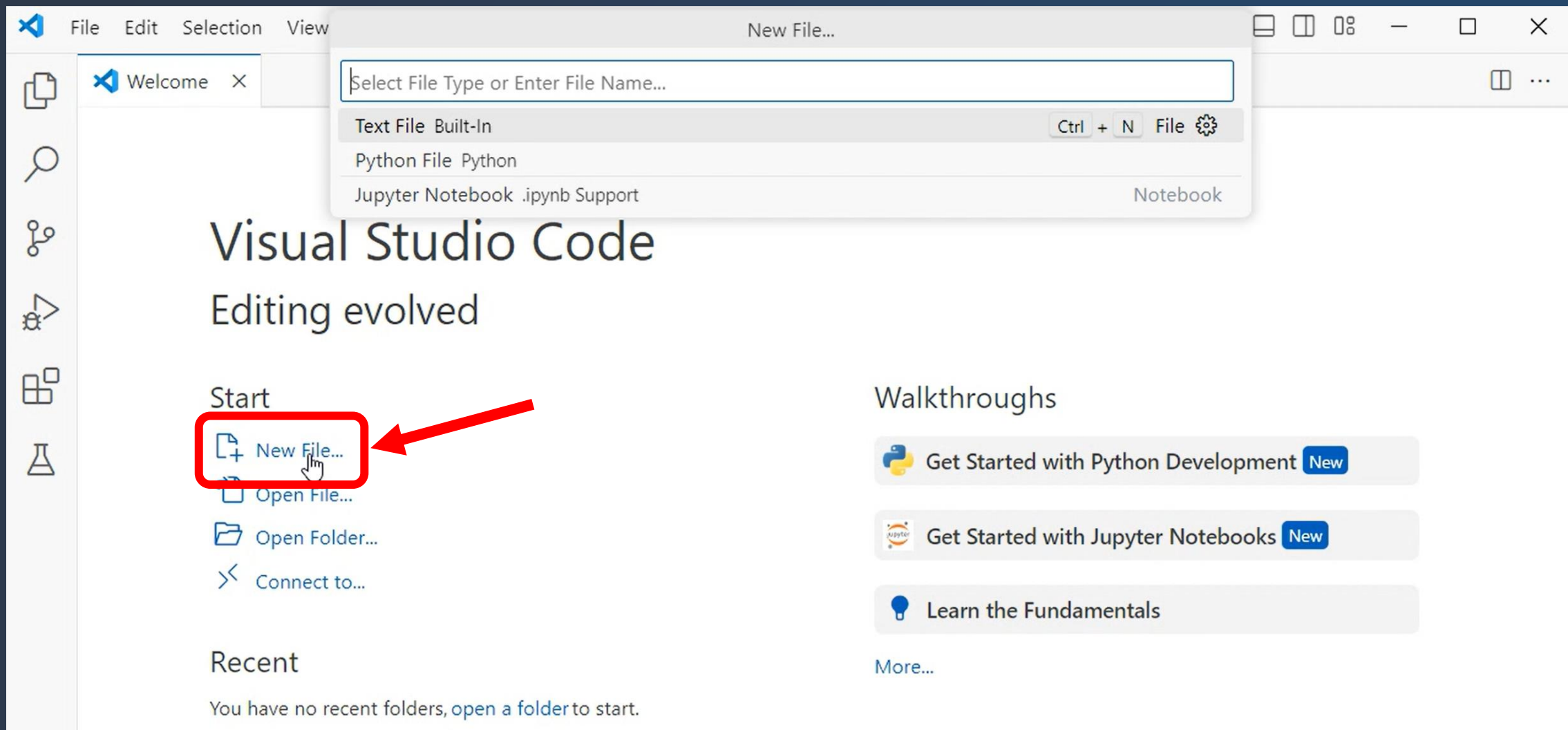
4.运行Jupyter Notebook



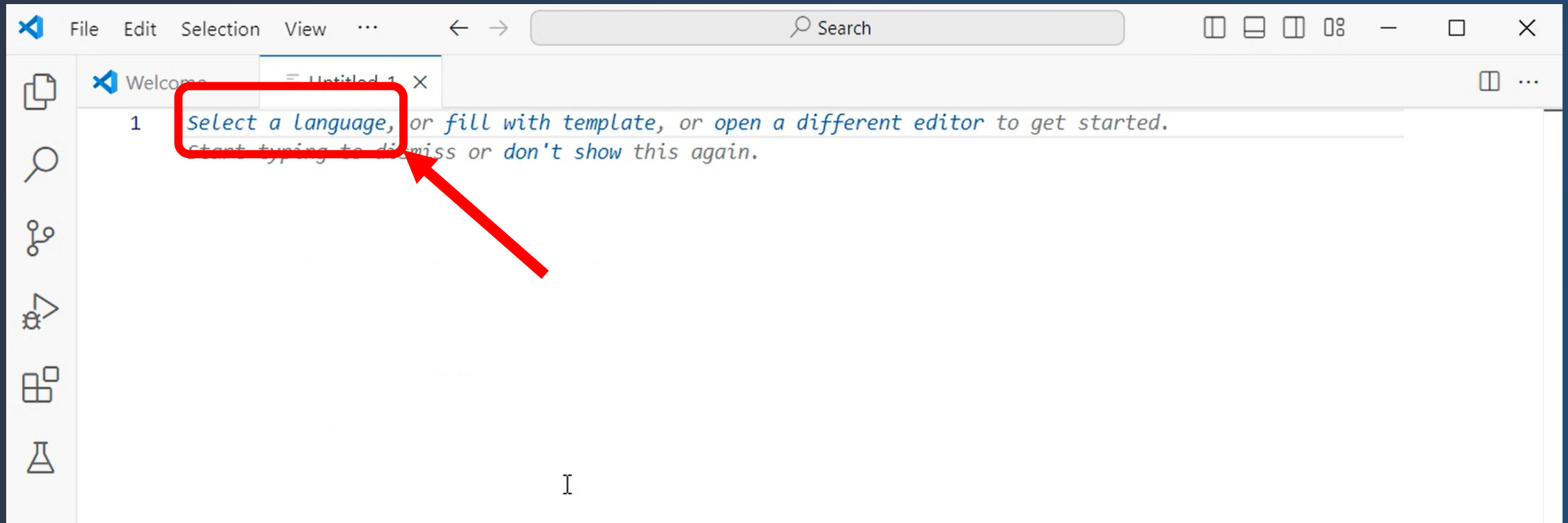
4.运行Jupyter Notebook



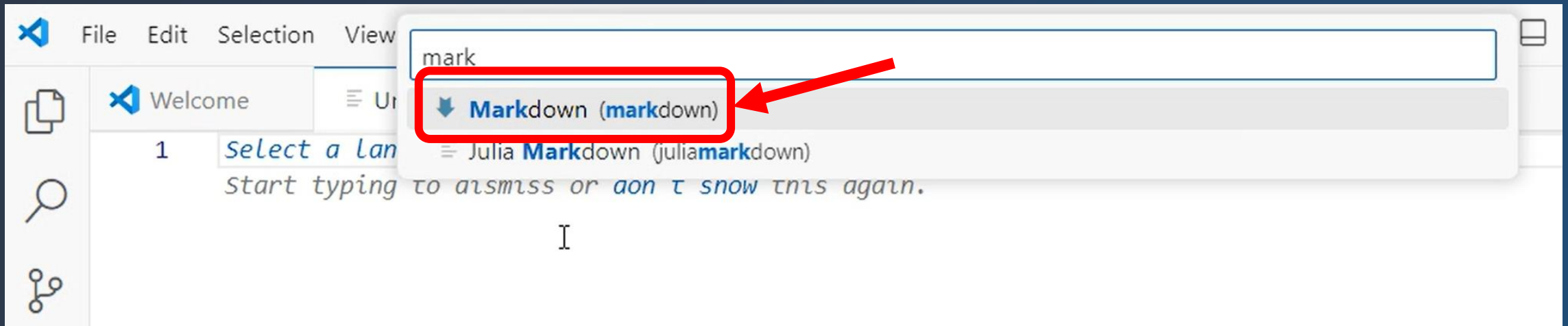
5.运行Markdown



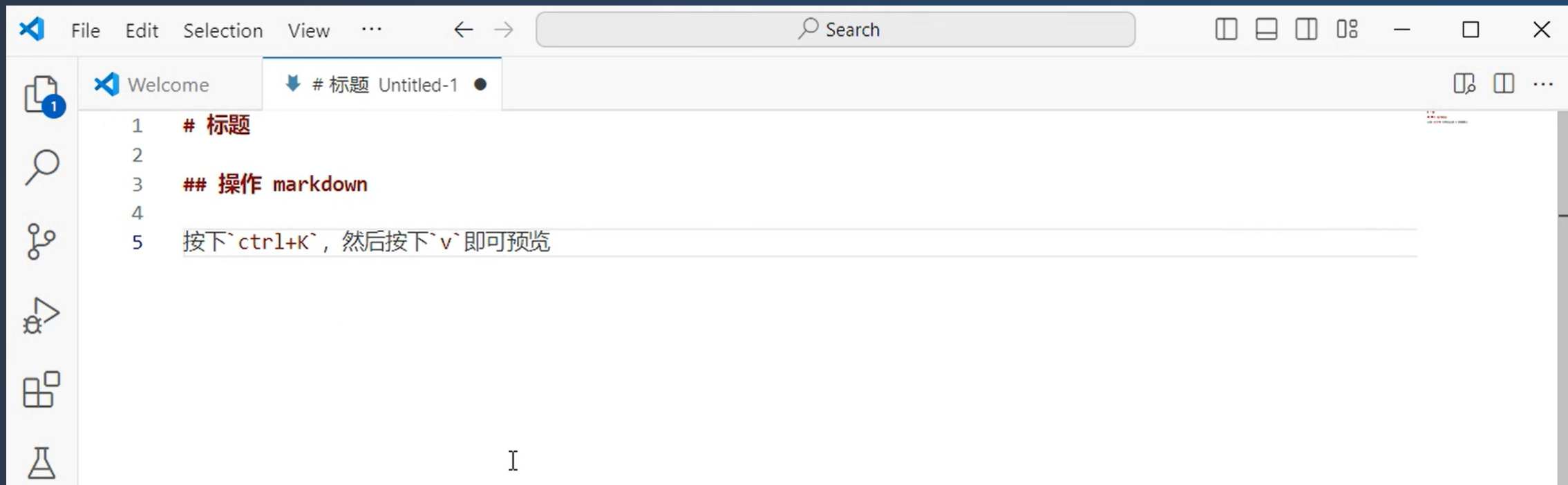
5.运行Markdown



5.运行Markdown



5.运行Markdown



5.运行Markdown

