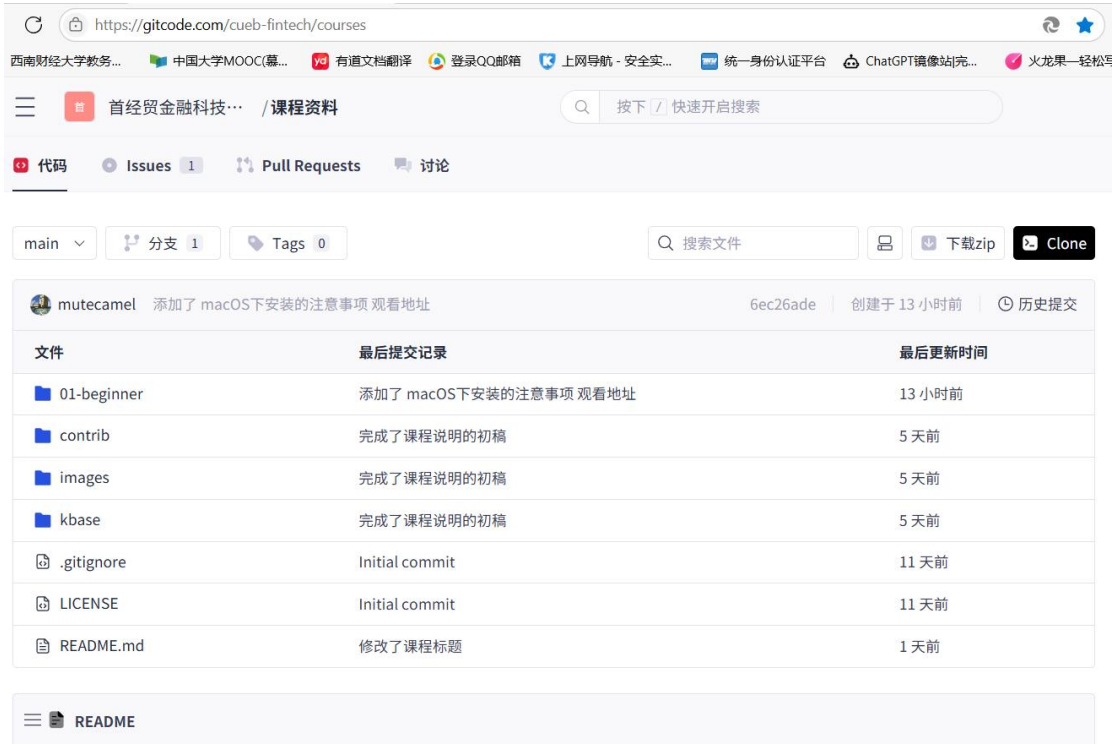
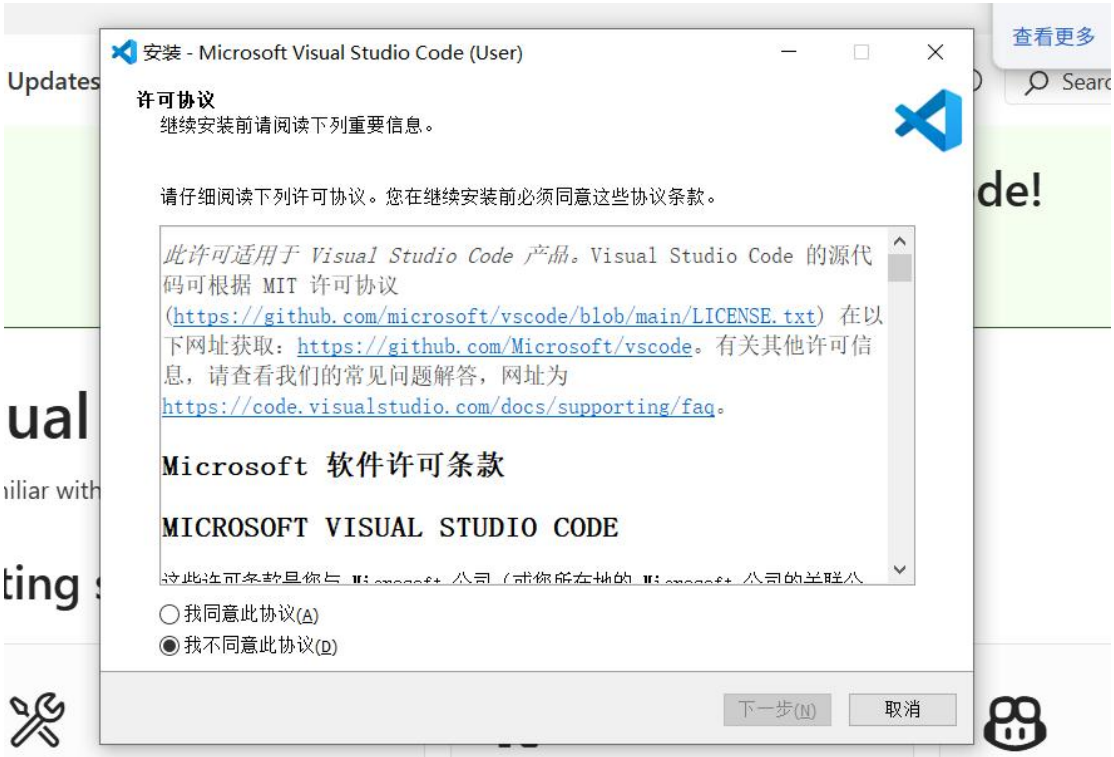
金融编程与计算第一周笔记

Part 01

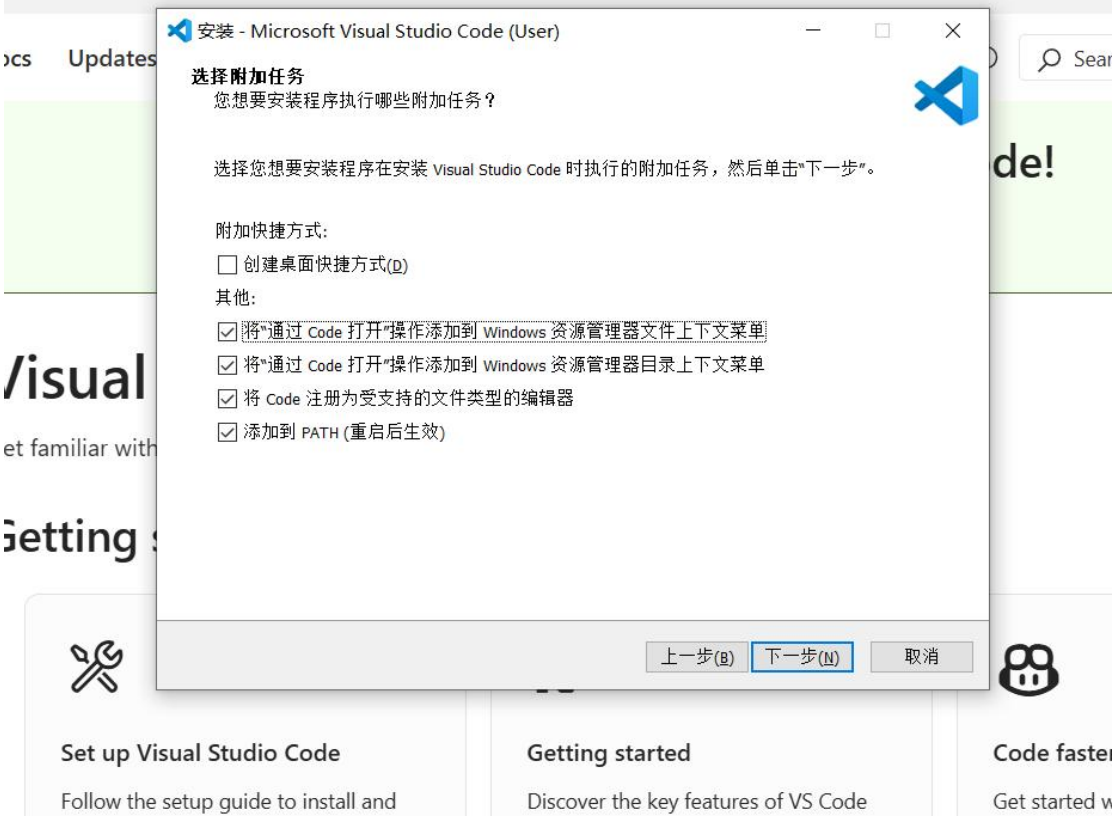
听了老师的建议 把此网址添加到收藏夹 方便使用



顺利

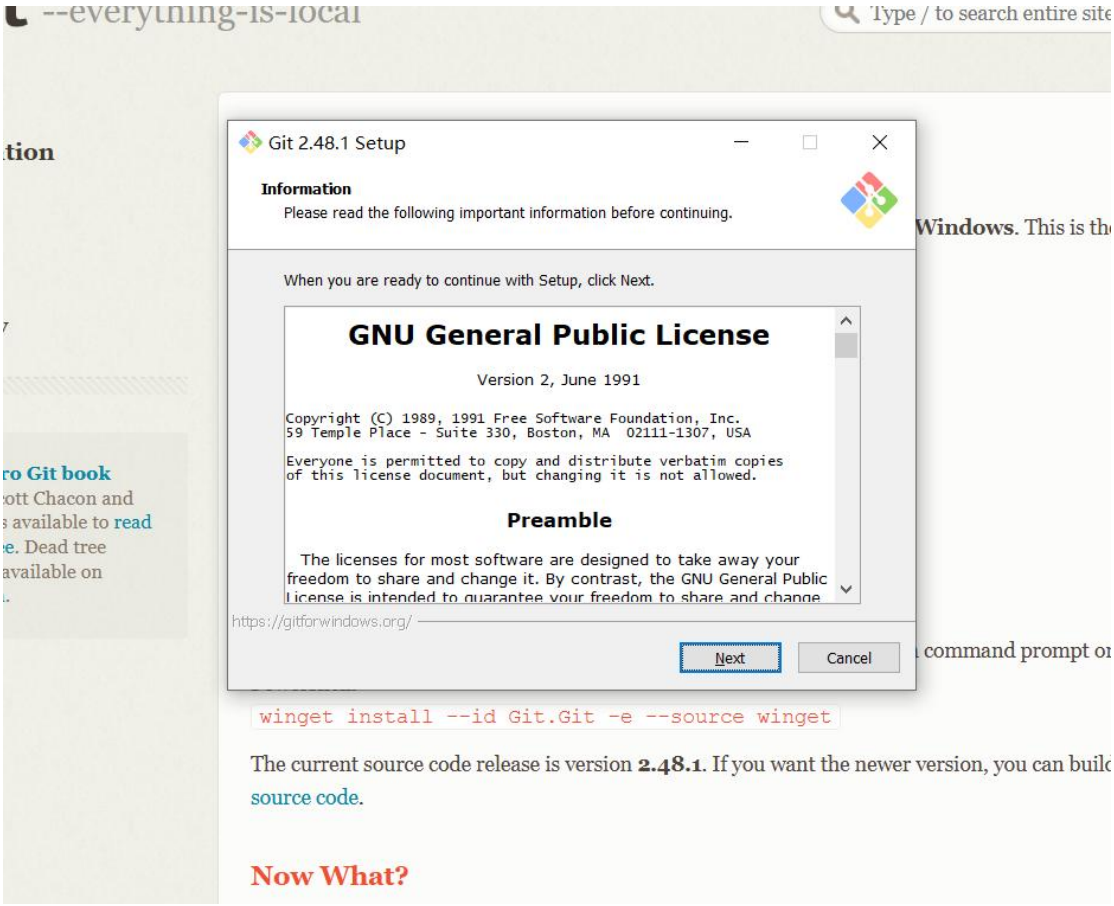

安装 - Microsoft Visual Studio Code (User)
许可协议
继续安装前请阅读下列重要信息。
请仔细阅读下列许可协议。您在继续安装前必须同意这些协议条款。
此许可适用于 Visual Studio Code 产品。Visual Studio Code 的源代码可根据 MIT 许可协议 (https://github.com/microsoft/vscode/blob/main/LICENSE.txt) 在以下网址获取：https://github.com/Microsoft/vscode。有关其他许可信息，请查看我们的常见问题解答，网址为 https://code.visualstudio.com/docs/supporting/faq。
Microsoft 软件许可条款
MICROSOFT VISUAL STUDIO CODE
我同意此协议(A)
我不同意此协议(D)
下一步(N)
取消
查看更多
Set up Visual Studio Code
Follow the setup guide to install and configure VS Code for your OS.
Getting started
Discover the key features of VS Code with the step-by-step tutorial.
Code faster
Get started with coding assistance

全部打勾

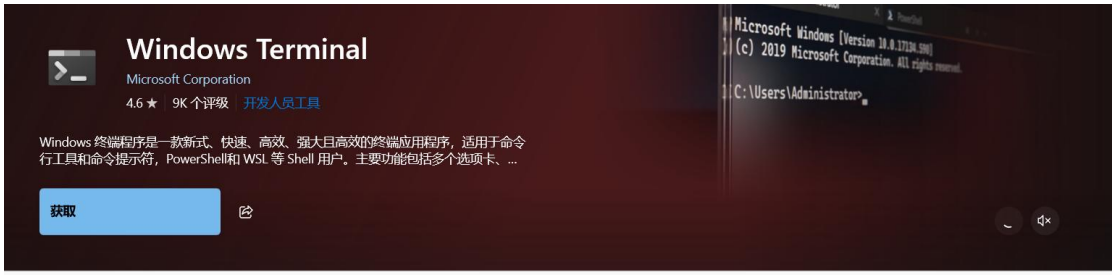

安装 - Microsoft Visual Studio Code (User)
选择附加任务
您想要安装程序执行哪些附加任务？
选择您想要安装程序在安装 Visual Studio Code 时执行的附加任务，然后单击"下一步"。
附加快捷方式:
创建桌面快捷方式(D)
其他:
将"通过 Code 打开"操作添加到 Windows 资源管理器文件上下文菜单
将"通过 Code 打开"操作添加到 Windows 资源管理器目录上下文菜单
将 Code 注册为受支持的文件类型的编辑器
添加到 PATH (重启后生效)
上一步(B)
下一步(N)
取消
Set up Visual Studio Code
Follow the setup guide to install and
Getting started
Discover the key features of VS Code
Code faster

固定到任务栏

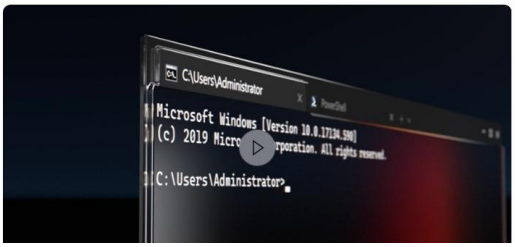
顺利

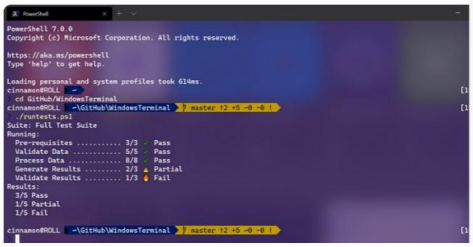

Git 2.48.1 Setup
Information
Please read the following important information before continuing.
When you are ready to continue with Setup, click Next.
GNU General Public License
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble
The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
https://gitforwindows.org/
Next
Cancel
winget install --id Git.Git -e --source winget
The current source code release is version 2.48.1. If you want the newer version, you can build
source code.
Now What?

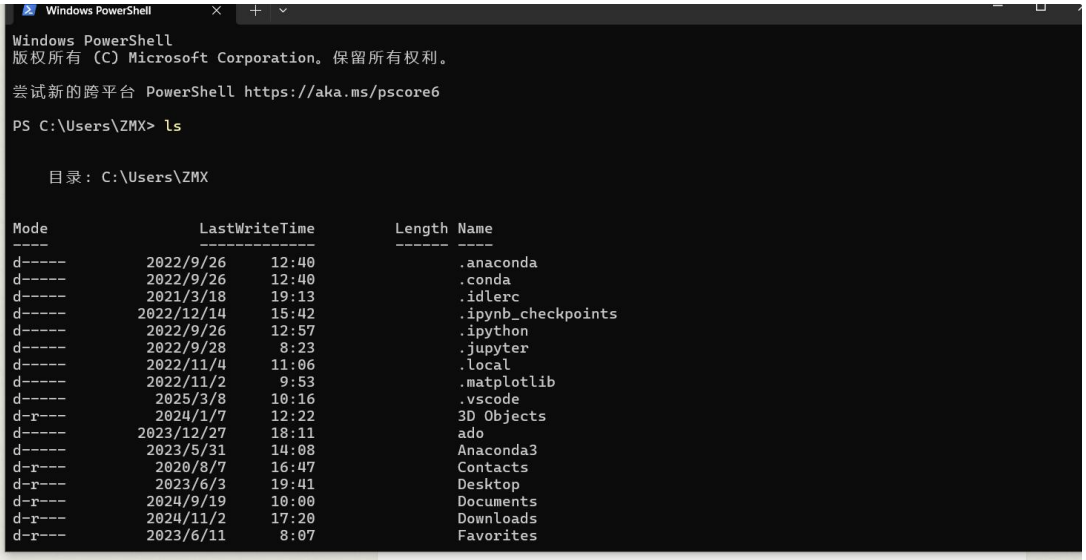
安装



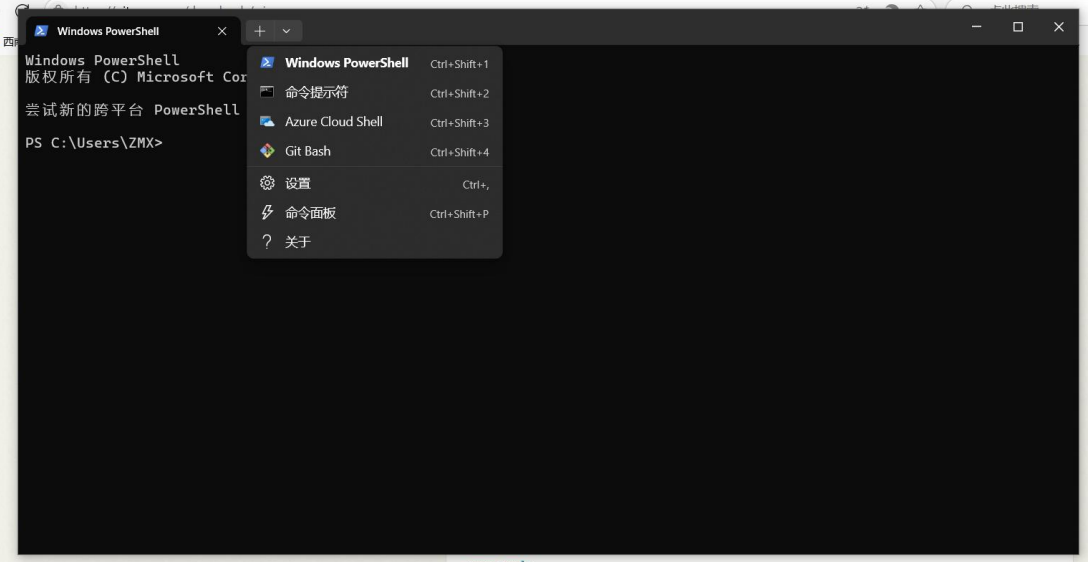
屏幕截图





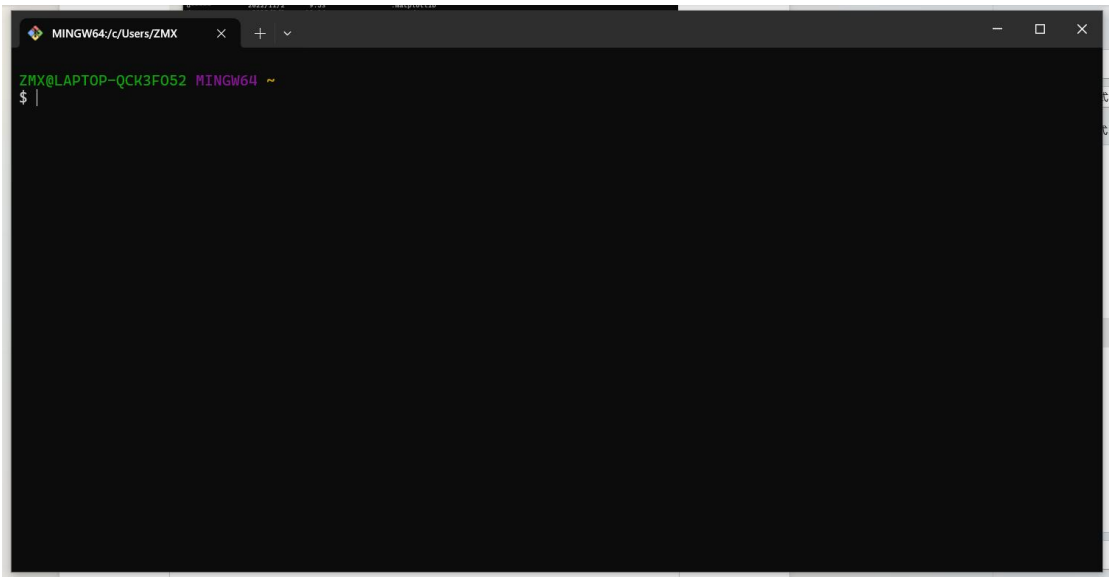


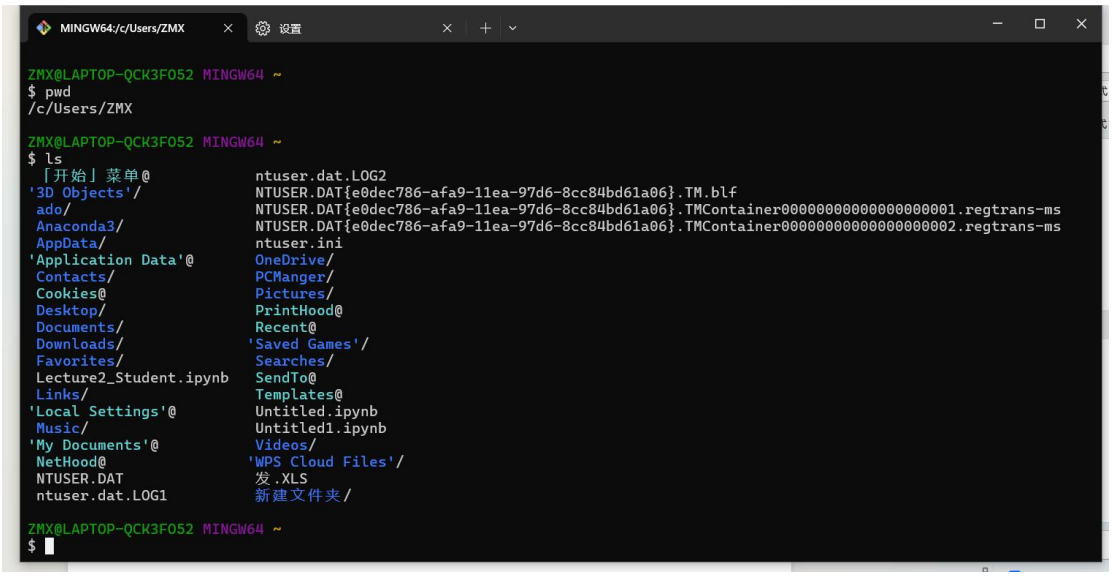
Now that you have downloaded Git, it's time to start using it.



source code.

修改成功

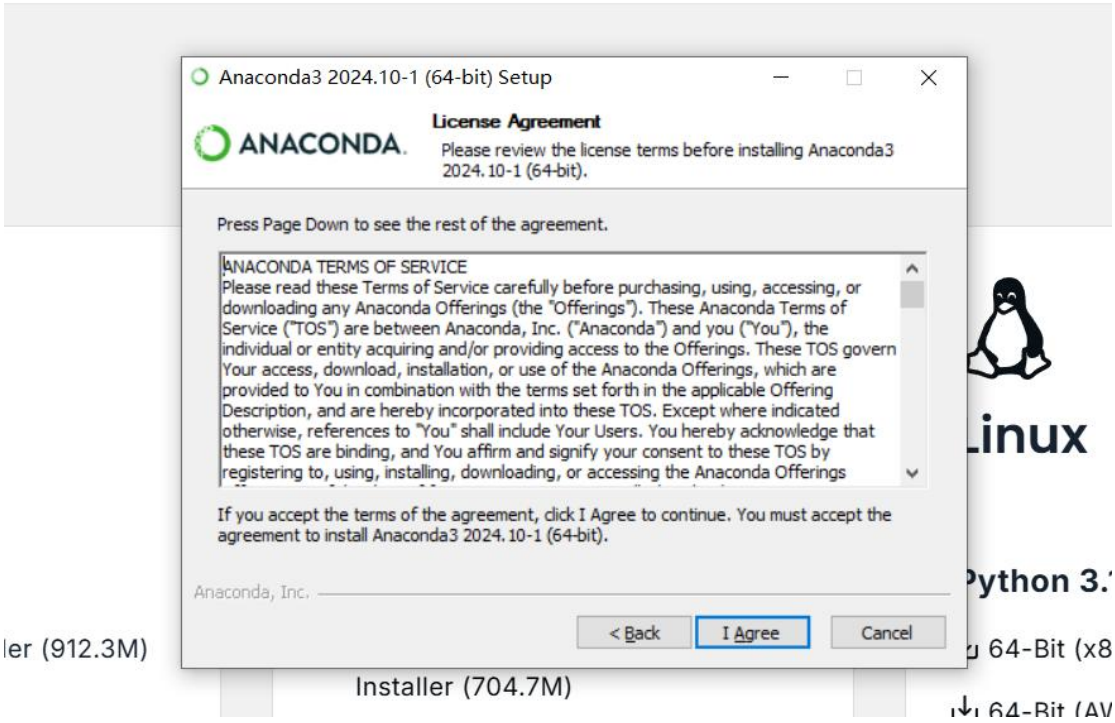

MINGW64:/c/Users/ZMX
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$


MINGW64:/c/Users/ZMX
设置
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$ pwd
/c/Users/ZMX
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$ ls
「开始」菜单@ ntuser.dat.LOG2
'3D Objects'/ NTUSER.DAT{e0dec786-afa9-11ea-97d6-8cc84bd61a06}.TM.blf
ado/ NTUSER.DAT{e0dec786-afa9-11ea-97d6-8cc84bd61a06}.TMContainer00000000000000000001.regtrans-ms
Anaconda3/ NTUSER.DAT{e0dec786-afa9-11ea-97d6-8cc84bd61a06}.TMContainer00000000000000000002.regtrans-ms
AppData/ ntuser.ini
'Application Data'@ OneDrive/
Contacts/ PCManger/
Cookies@ Pictures/
Desktop/ PrintHood@
Documents/ Recent@
Downloads/ 'Saved Games'/
Favorites/ Searches/
Lecture2_Student.ipynb SendTo@
Links/ Templates@
'Local Settings'@ Untitled.ipynb
Music/ Untitled1.ipynb
'My Documents'@ Videos/
NetHood@ 'WPS Cloud Files'/
NTUSER.DAT 发.XLS
ntuser.dat.LOG1 新建文件夹/
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$

很好用

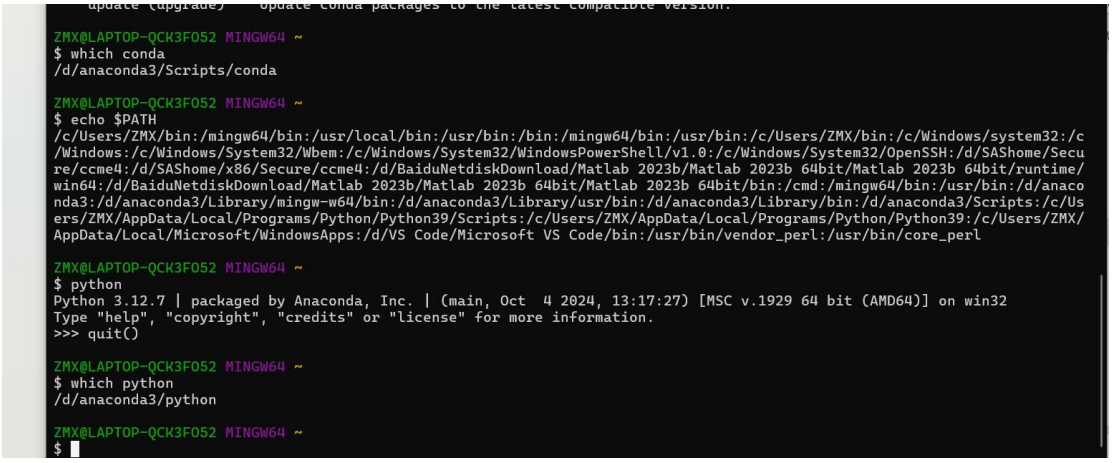
首页
欢迎
豆包 - 字节跳动旗下 AI
新版本
doubao.com/chat/
Marscode
知乎
抖音
番茄小说
即梦 AI绘画
BiliBili
今日头条
豆包
新对话
AI 搜索
帮我写作
图像生成
AI 阅读
AI 编程
语音通话
AI 看网站
最近对话
手机版对话
书签
新手任务
早上好，Zzunkn
发消息、输入 @ 选择技能或 / 选择文件
深度思考
帮我写作
图像生成
AI 搜索
AI 阅读
AI 编程
更多

下载

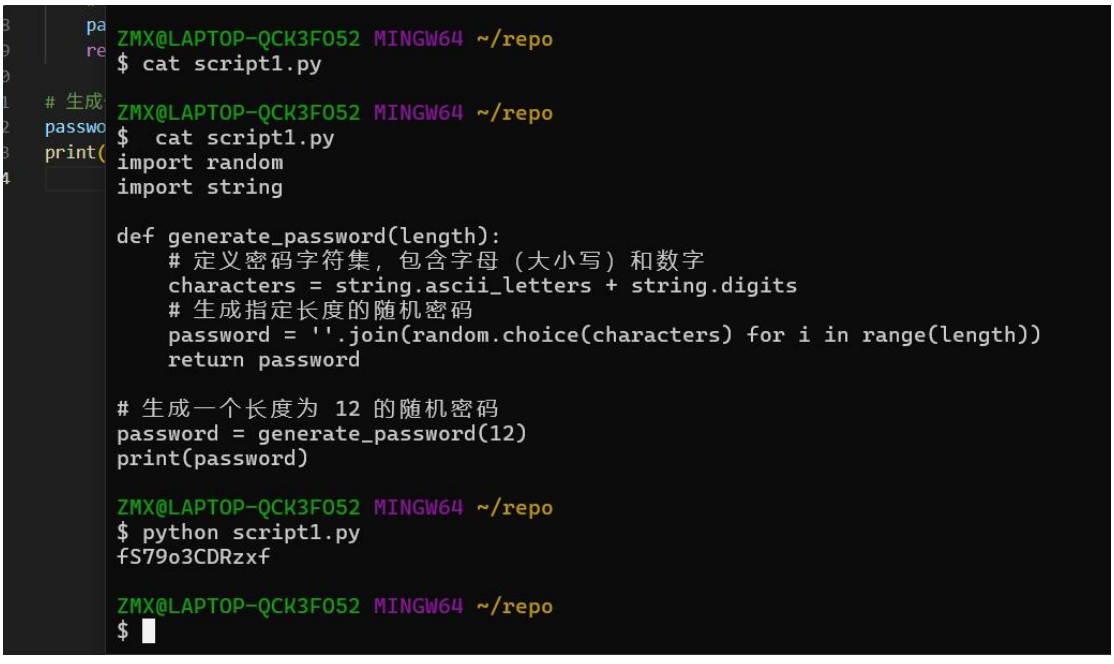

Anaconda3 2024.10-1 (64-bit) Setup
ANACONDA.
License Agreement
Please review the license terms before installing Anaconda3 2024.10-1 (64-bit).
Press Page Down to see the rest of the agreement.
ANACONDA TERMS OF SERVICE
Please read these Terms of Service carefully before purchasing, using, accessing, or downloading any Anaconda Offerings (the "Offerings"). These Anaconda Terms of Service ("TOS") are between Anaconda, Inc. ("Anaconda") and you ("You"), the individual or entity acquiring and/or providing access to the Offerings. These TOS govern Your access, download, installation, or use of the Anaconda Offerings, which are provided to You in combination with the terms set forth in the applicable Offering Description, and are hereby incorporated into these TOS. Except where indicated otherwise, references to "You" shall include Your Users. You hereby acknowledge that these TOS are binding, and You affirm and signify your consent to these TOS by registering to, using, installing, downloading, or accessing the Anaconda Offerings
If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Anaconda3 2024.10-1 (64-bit).
Anaconda, Inc.
< Back
I Agree
Cancel
Linux
ler (912.3M)
Installer (704.7M)

成功

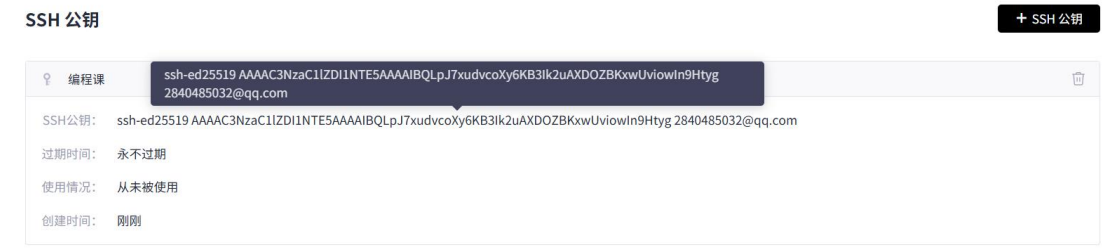
MINGW64:/c/Users/ZMX
create Create a new conda environment from a list of specified packages.
deactivate Deactivate the current active conda environment.
debug Debug the build or test phases of conda recipes.
develop Install a Python package in 'development mode'. Similar to `pip install --editable`.
doctor Display a health report for your environment.
export Export a given environment
index Update package index metadata files.
info Display information about current conda install.
init Initialize conda for shell interaction.
inspect Tools for inspecting conda packages.
install Install a list of packages into a specified conda environment.
list List installed packages in a conda environment.
metapackage Specialty tool for generating conda metapackage.
notices Retrieve latest channel notifications.
pack See `conda pack --help`.
package Create low-level conda packages. (EXPERIMENTAL)
remove (uninstall) Remove a list of packages from a specified conda environment.
rename Rename an existing environment.
render Expand a conda recipe into a platform-specific recipe.
repo See `conda repo --help`.
repoquery Advanced search for repodata.
run Run an executable in a conda environment.
search Search for packages and display associated information using the MatchSpec format.
server See `conda server --help`.
skeleton Generate boilerplate conda recipes.
token See `conda token --help`.
update (upgrade) Update conda packages to the latest compatible version.
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$

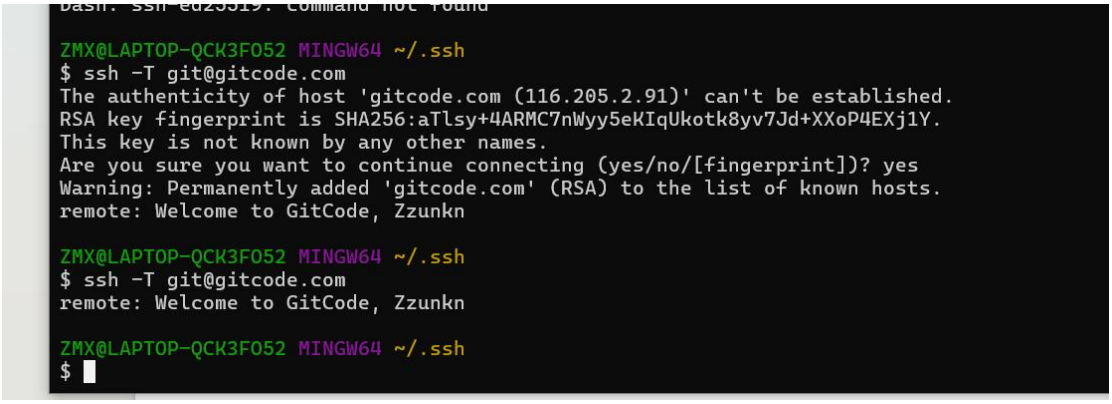

ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$ which conda
/d/anaconda3/Scripts/conda
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$ echo $PATH
/c/Users/ZMX/bin:/mingw64/bin:/usr/local/bin:/usr/bin:/bin:/mingw64/bin:/usr/bin:/c/Users/ZMX/bin:/c/Windows/system32:/c/Windows:/c/Windows/System32/Wbem:/c/Windows/System32/WindowsPowerShell/v1.0:/c/Windows/System32/OpenSSH:/d/SAShome/Secure/ccme4:/d/SAShome/x86/Secure/ccme4:/d/BaiduNetdiskDownload/Matlab 2023b/Matlab 2023b 64bit/Matlab 2023b 64bit/runtime/win64:/d/BaiduNetdiskDownload/Matlab 2023b/Matlab 2023b 64bit/Matlab 2023b 64bit/bin:/cmd:/mingw64/bin:/usr/bin:/d/anaconda3:/d/anaconda3/Library/mingw-w64/bin:/d/anaconda3/Library/usr/bin:/d/anaconda3/Library/bin:/d/anaconda3/Scripts:/c/Users/ZMX/AppData/Local/Programs/Python/Python39/Scripts:/c/Users/ZMX/AppData/Local/Programs/Python/Python39:/c/Users/ZMX/AppData/Local/Microsoft/WindowsApps:/d/VS Code/Microsoft VS Code/bin:/usr/bin/vendor_perl:/usr/bin/core_perl
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$ python
Python 3.12.7 | packaged by Anaconda, Inc. | (main, Oct 4 2024, 13:17:27) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> quit()
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$ which python
/d/anaconda3/python
ZMX@LAPTOP-QCK3FO52 MINGW64 ~
$

顺利


ZMX@LAPTOP-QCK3FO52 MINGW64 ~/repo
$ cat script1.py
ZMX@LAPTOP-QCK3FO52 MINGW64 ~/repo
$ cat script1.py
import random
import string
def generate_password(length):
# 定义密码字符集，包含字母（大小写）和数字
characters = string.ascii_letters + string.digits
# 生成指定长度的随机密码
password = ''.join(random.choice(characters) for i in range(length))
return password
# 生成一个长度为 12 的随机密码
password = generate_password(12)
print(password)
ZMX@LAPTOP-QCK3FO52 MINGW64 ~/repo
$ python script1.py
fS79o3CDRzxf
ZMX@LAPTOP-QCK3FO52 MINGW64 ~/repo
$

生成公钥





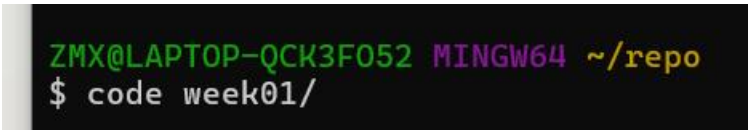
提交作业

点击 fork

点击 clone

点击 SSH 复制克隆到本地

用 VS 打开 week01 目录



在 VS 用 Ctrl+shift+p 打开命令菜单

找>markdown preview