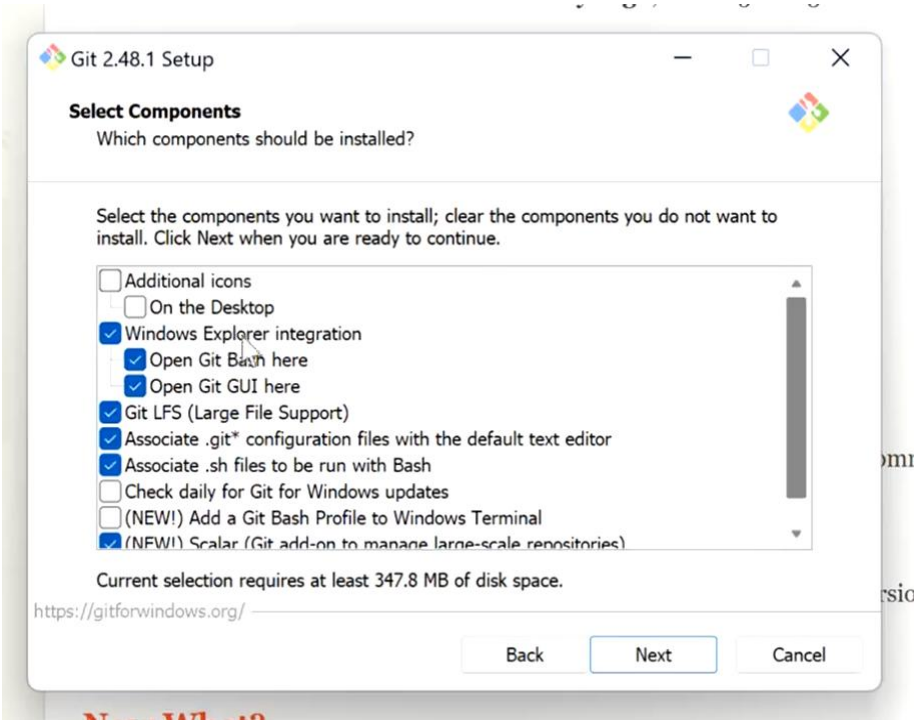
金融编程与计算 01 周笔记 2025.3.8

1. 首先是下载 vs code

按照老师教学视频里的步骤进行下载，建议不添加桌面快捷，直接固定到任务栏就可以。（在不知道作业行驶的时候下载的，忘记截图了）；下载完毕进入 vs code 之后，建议将 welcome 的内容关掉，注册或者不注册都可以正常使用。

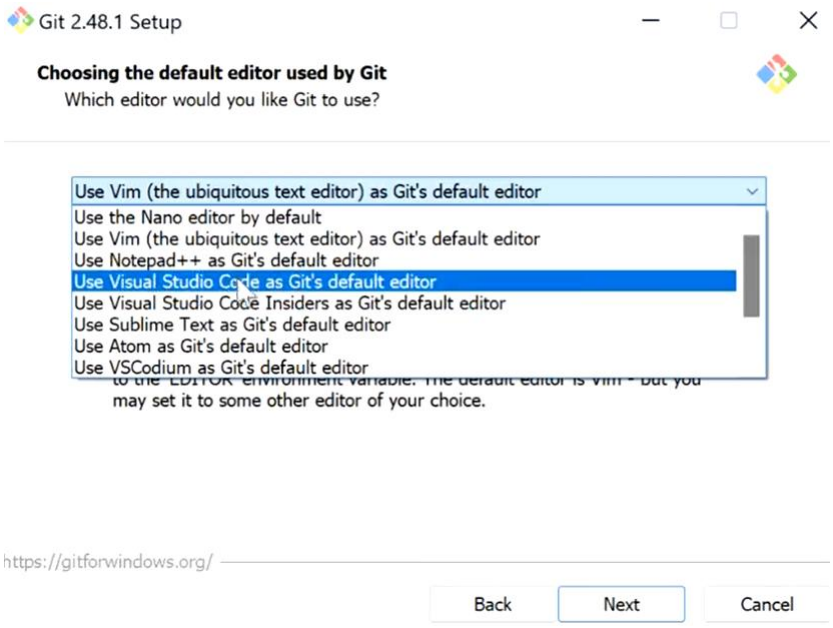
2. 安装 git，即代码版本管理软件

建议选择 standalone installer 下面的 64-bit。开始下载。

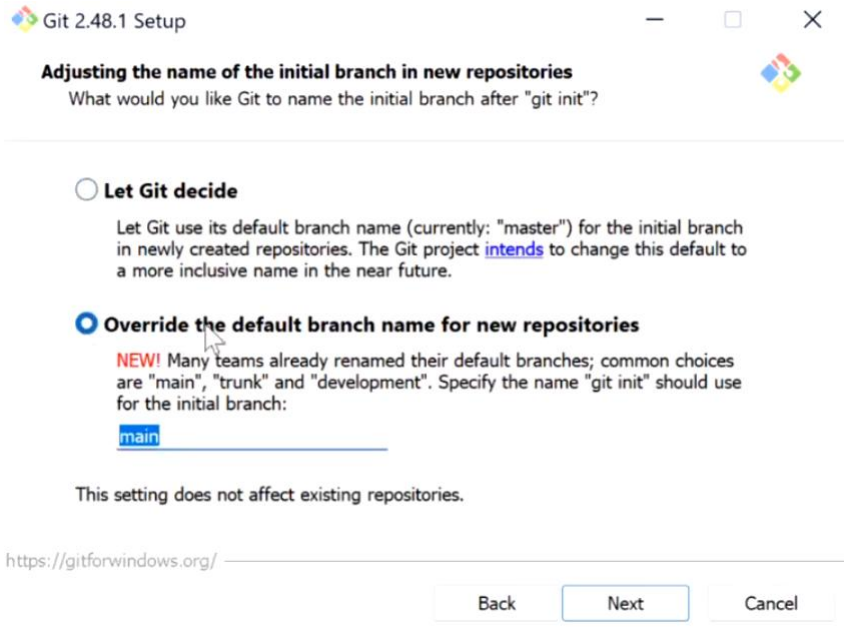


在微软应用商店里安装 terminal 终端，我的已经下载好了。

然后勾选 add a git...terminal



选择图上这个



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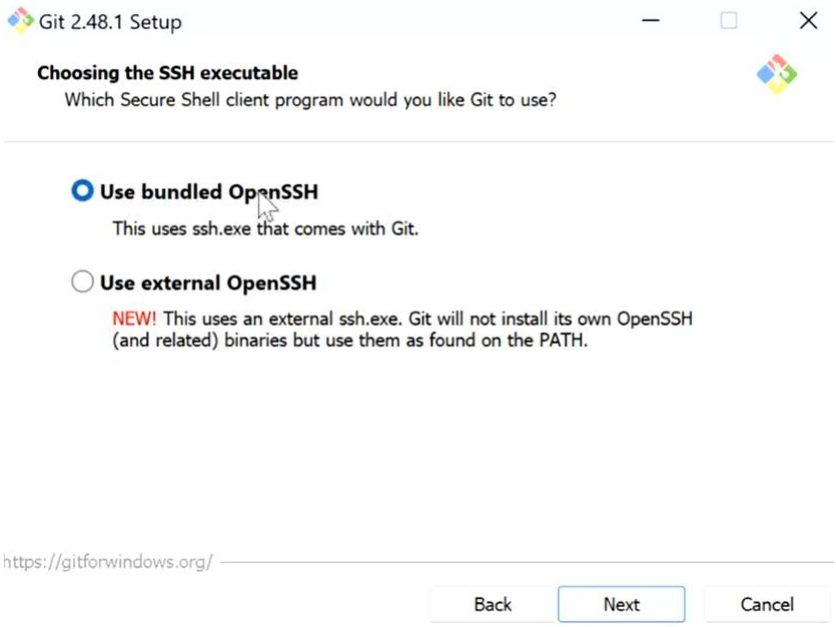
Git 2.48.1 Setup
Choosing the SSH executable
Which Secure Shell client program would you like Git to use?
Use bundled OpenSSH
This uses ssh.exe that comes with Git.
Use external OpenSSH
NEW! This uses an external ssh.exe. Git will not install its own OpenSSH (and related) binaries but use them as found on the PATH.
https://gitforwindows.org/
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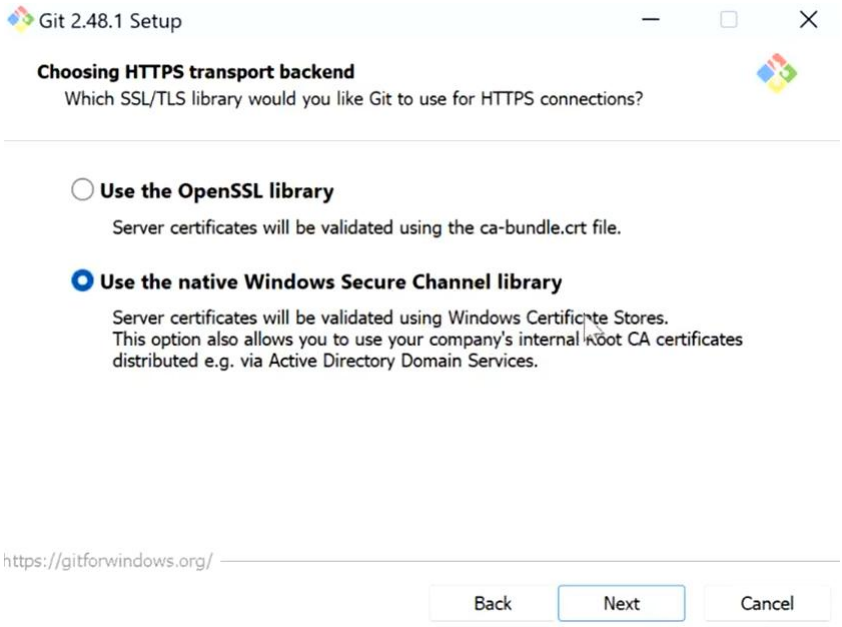
选择这个默认的


Git 2.48.1 Setup
Choosing HTTPS transport backend
Which SSL/TLS library would you like Git to use for HTTPS connections?
Use the OpenSSL library
Server certificates will be validated using the ca-bundle.crt file.
Use the native Windows Secure Channel library
Server certificates will be validated using Windows Certificate Stores.
This option also allows you to use your company's internal root CA certificates distributed e.g. via Active Directory Domain Services.
https://gitforwindows.org/
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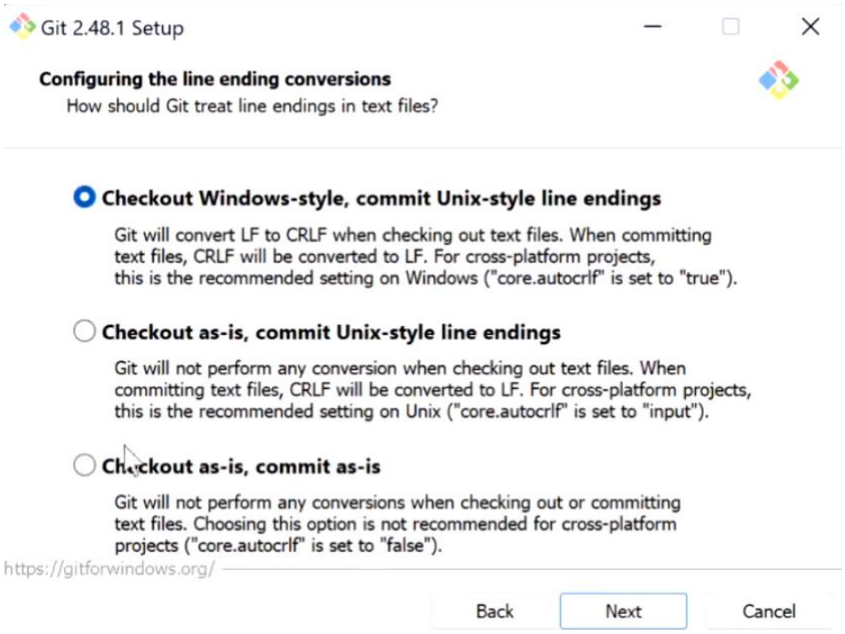
Git 2.48.1 Setup
Configuring the line ending conversions
How should Git treat line endings in text files?
Checkout Windows-style, commit Unix-style line endings
Git will convert LF to CRLF when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Windows ("core.autocrlf" is set to "true").
Checkout as-is, commit Unix-style line endings
Git will not perform any conversion when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Unix ("core.autocrlf" is set to "input").
Checkout as-is, commit as-is
Git will not perform any conversions when checking out or committing text files. Choosing this option is not recommended for cross-platform projects ("core.autocrlf" is set to "false").
https://gitforwindows.org/
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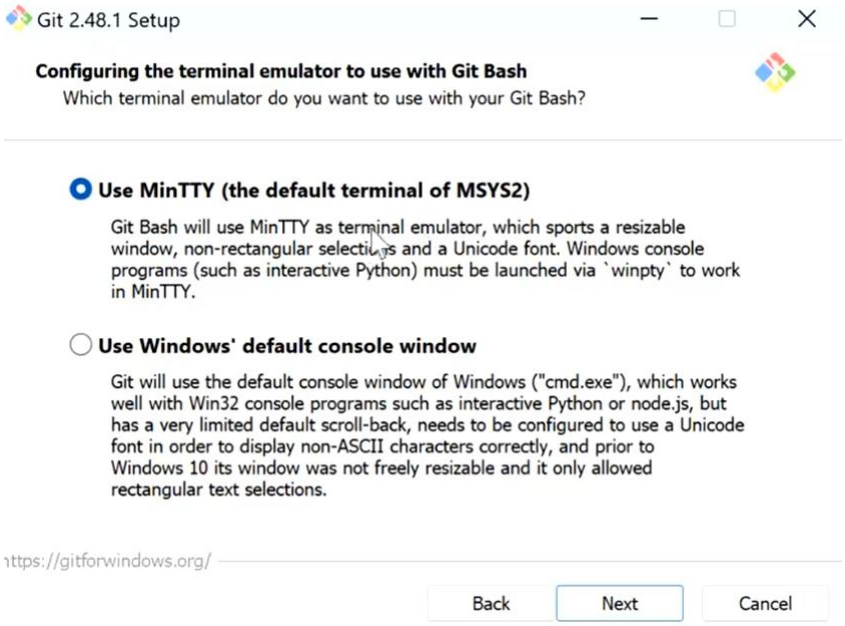
Git 2.48.1 Setup
Configuring the terminal emulator to use with Git Bash
Which terminal emulator do you want to use with your Git Bash?
Use MinTTY (the default terminal of MSYS2)
Git Bash will use MinTTY as terminal emulator, which sports a resizable window, non-rectangular selections and a Unicode font. Windows console programs (such as interactive Python) must be launched via `winpty` to work in MinTTY.
Use Windows' default console window
Git will use the default console window of Windows ("cmd.exe"), which works well with Win32 console programs such as interactive Python or node.js, but has a very limited default scroll-back, needs to be configured to use a Unicode font in order to display non-ASCII characters correctly, and prior to Windows 10 its window was not freely resizable and it only allowed rectangular text selections.
https://gitforwindows.org/
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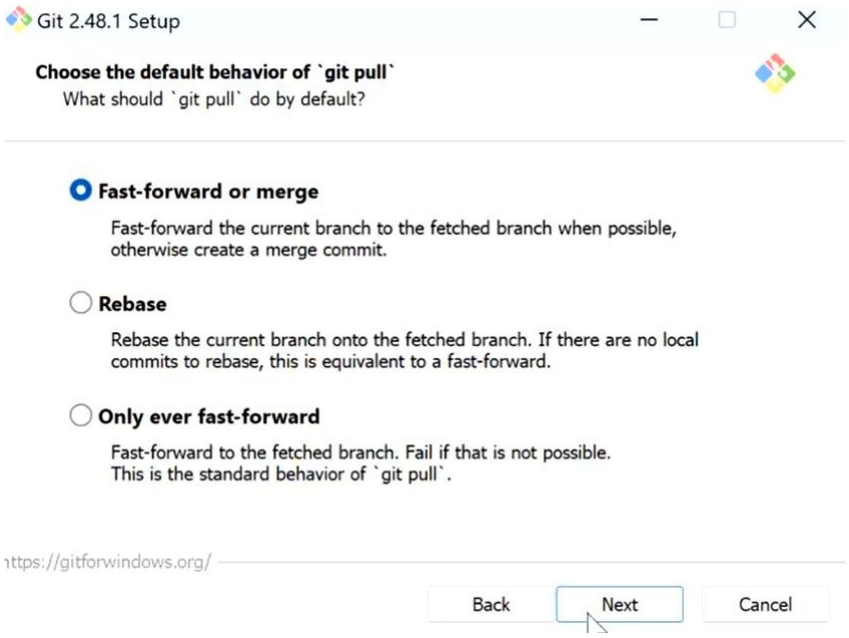
Git 2.48.1 Setup
Choose the default behavior of `git pull`
What should `git pull` do by default?
Fast-forward or merge
Fast-forward the current branch to the fetched branch when possible, otherwise create a merge commit.
Rebase
Rebase the current branch onto the fetched branch. If there are no local commits to rebase, this is equivalent to a fast-forward.
Only ever fast-forward
Fast-forward to the fetched branch. Fail if that is not possible. This is the standard behavior of `git pull`.
https://gitforwindows.org/
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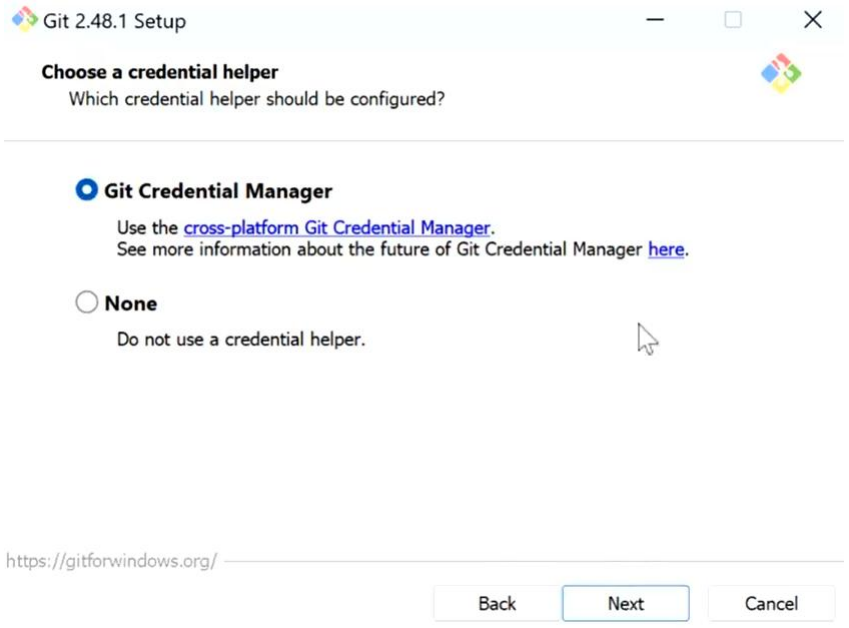
Git 2.48.1 Setup
Choose a credential helper
Which credential helper should be configured?
Git Credential Manager
Use the cross-platform Git Credential Manager.
See more information about the future of Git Credential Manager here.
None
Do not use a credential helper.
https://gitforwindows.org/
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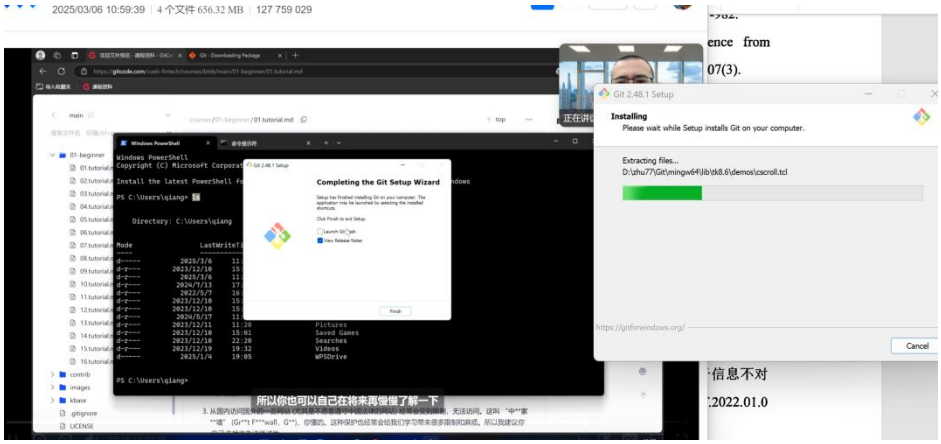
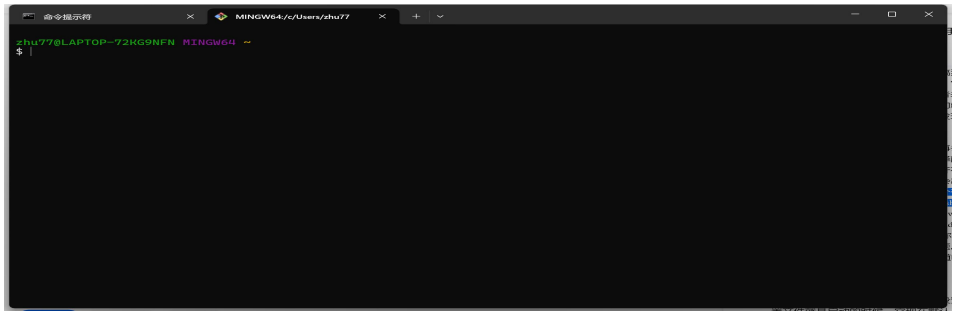
然后就下载


2025/03/06 10:59:39 | 4 个文件 656.32 MB | 127 759 029
Completing the Git Setup Wizard
Installing
Please wait while Setup installs Git on your computer.
Extracting files...
所以你也可以自己在将来再慢慢了解一下

打开命令提示符之后，设置默认配置文件如下：

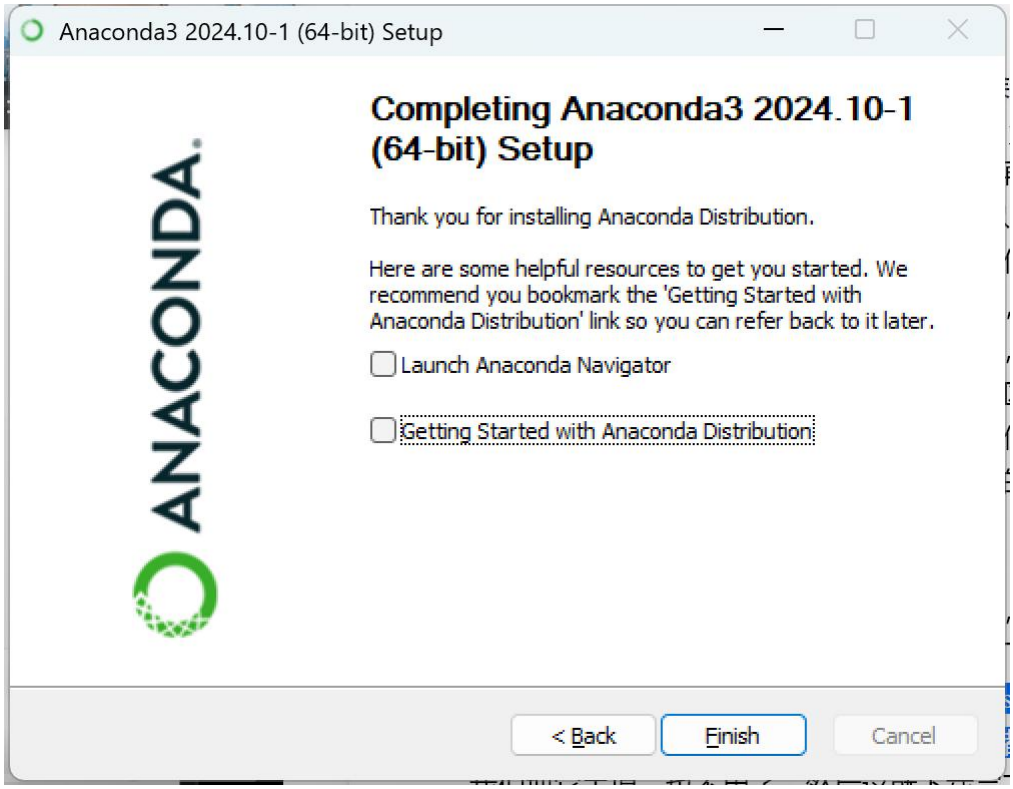


然后将光标改成“块状”，这样便于区分字符。

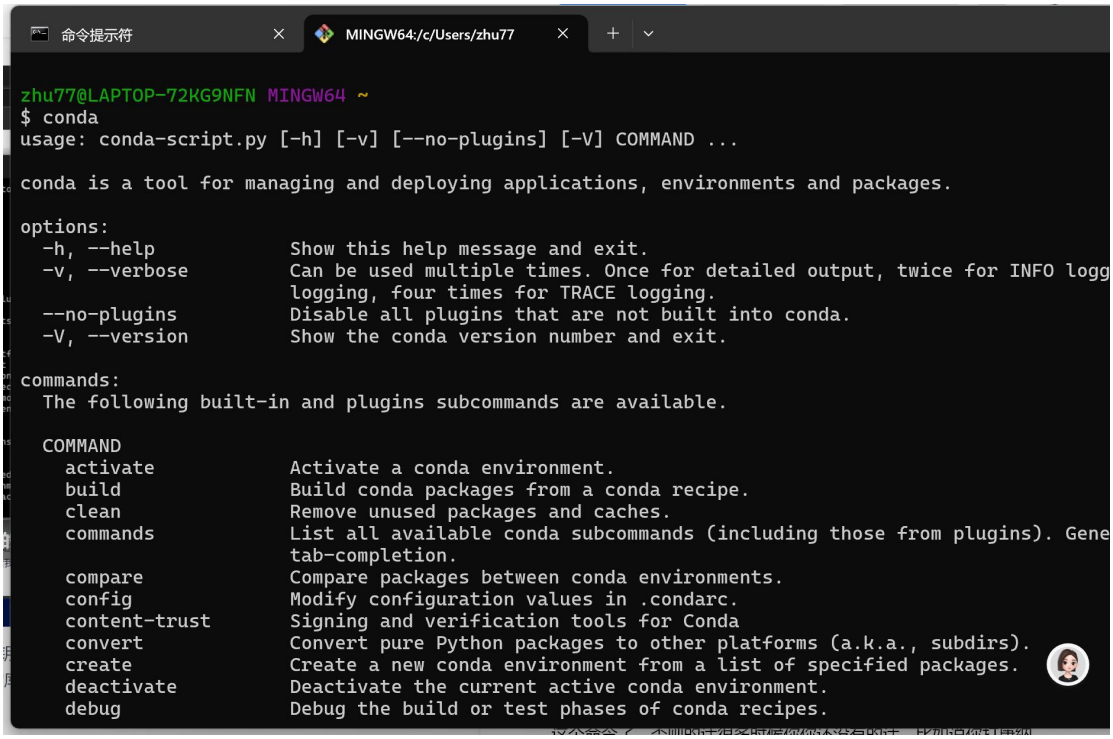
结束。

3. 下载 Anaconda

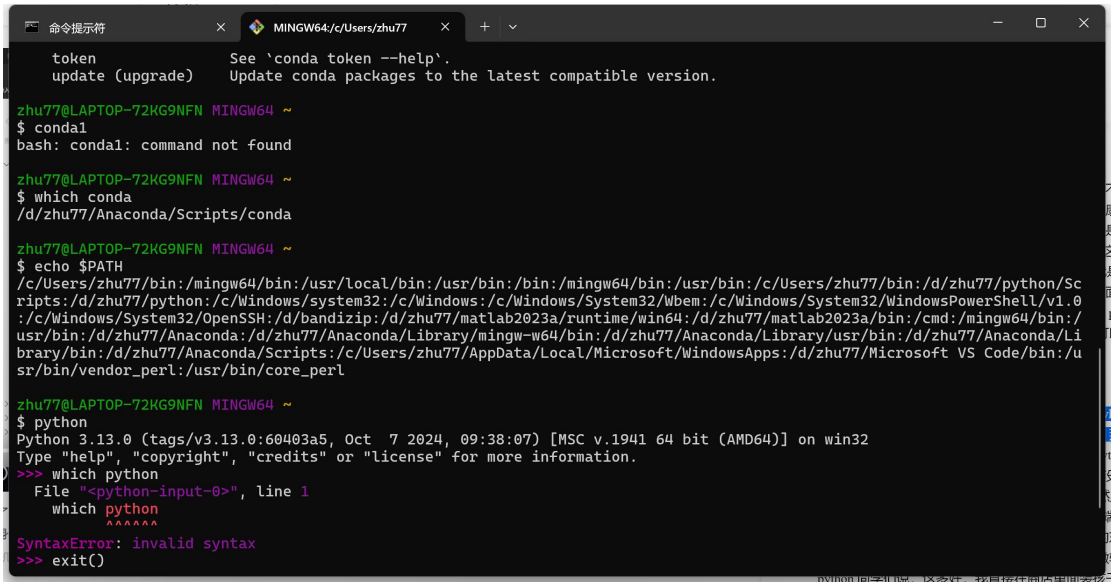
选择 windows 下载，然后不用勾选这两个



然后打开命令提示符，输入 conda，按回车

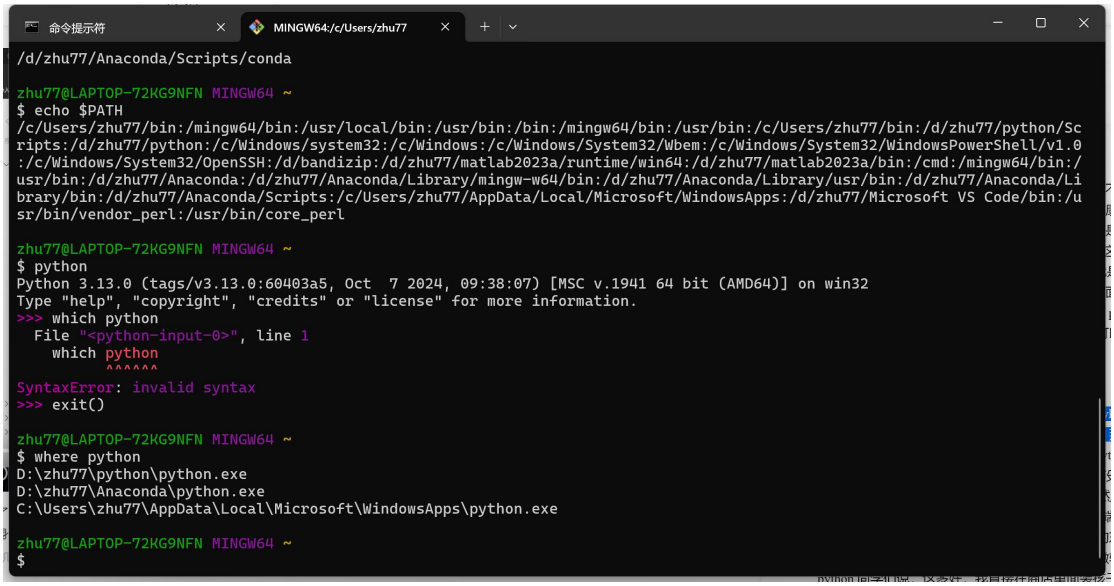


可以看到 conda 所在的路径



而我输入 which python 之后报错了，问了豆包之后得知，windows 环境中要用 where python，which python 是 Linux 或 macOS 系统终端里用来查看 Python 命令路径的指令。

我需要输入 exit（）退出 python 交互式环境。



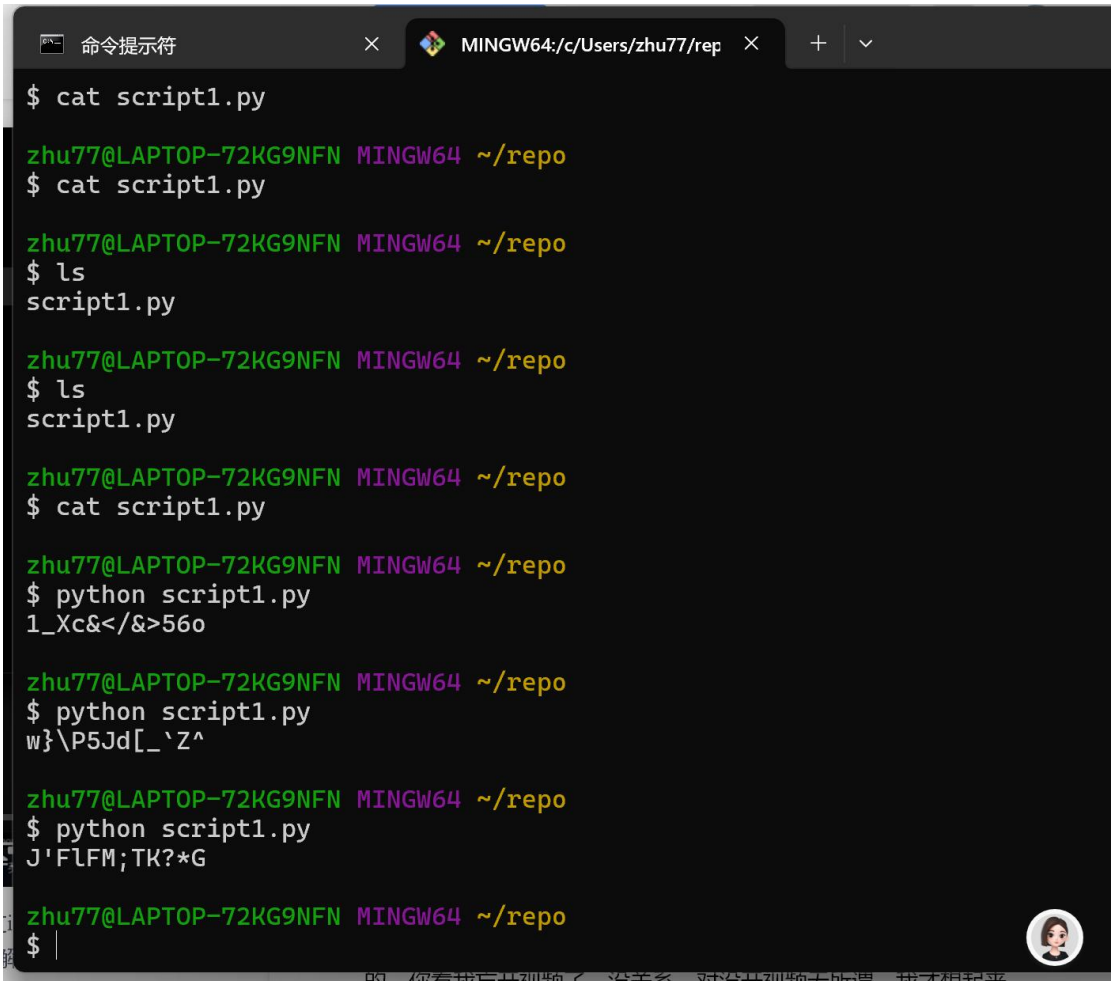
以后使用 python，就直接打开 vs code，然后输入 python，回车，就可以了。

4. fork

按照老师给的步骤，点击 clone

然后复制上面两行代码，打开 vs code，右击粘贴，回车。
接着查看全部配置，用下面的命令，注意：空格不能少，不然会报错。

```
zhu77@LAPTOP-72KG9NFN MINGW64 ~
$ git config --list --global
core.editor="D:\zhu77\Microsoft VS Code\bin\code" --wait
user.name=zzzzz77
user.email=zzzzz77@noreply.gitcode.com

zhu77@LAPTOP-72KG9NFN MINGW64 ~
$
```

用 python 生成随机密码：