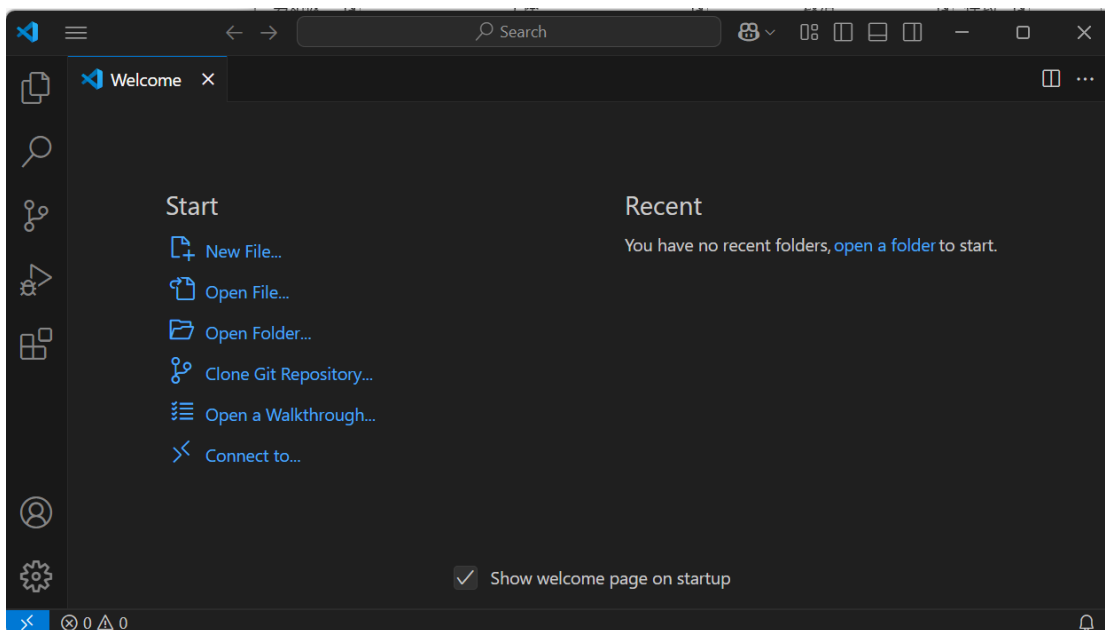


第 1 周 准备开发环境 (初级)

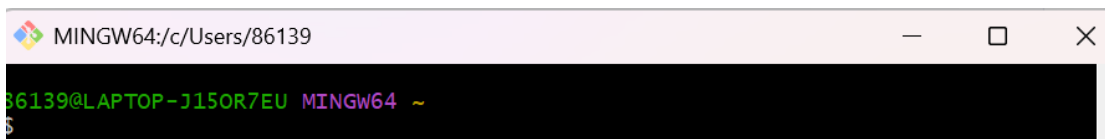
1. 安装 VS Code (代码编辑器)



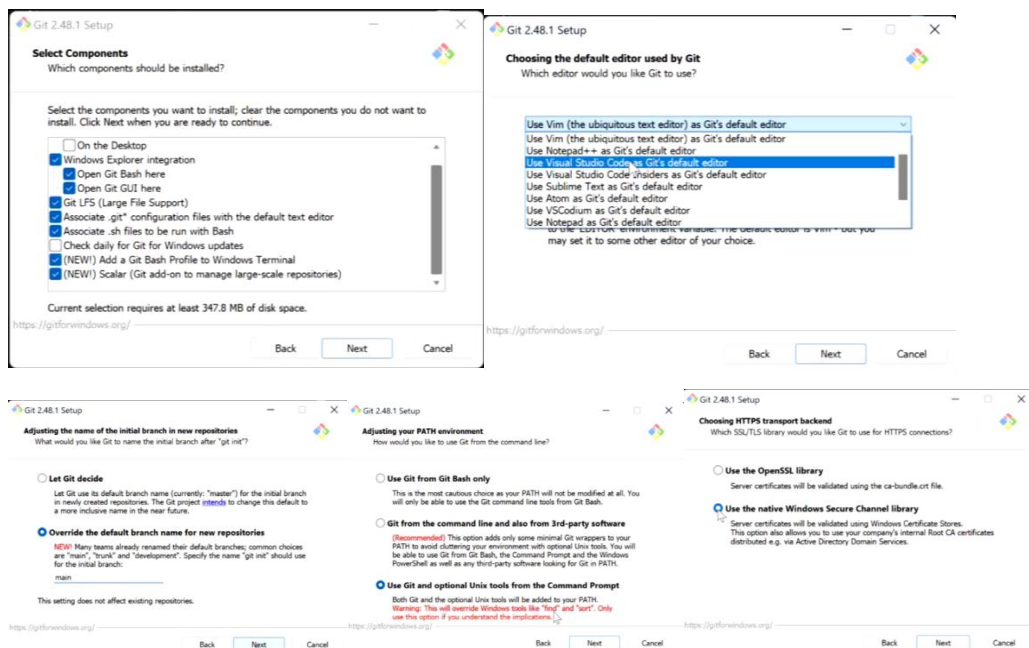
【注意】



2. 安装 Git (代码版本管理软件)



【注意】选择 Windows Terminal、文本编辑器选择 vs code、Git 仓库分支 main、PATH 环境变量、使用捆绑的 SSH、git pull：选择快速合并、取消发行说明、自动启动



3. 安装 Anaconda (Python 解释器)

```
86139@LAPTOP-J150R7EU MINGW64 ~
$ which conda
/c/Users/86139/anaconda3/Scripts/conda

86139@LAPTOP-J150R7EU MINGW64 ~
$ echo $PATH
/c/Users/86139/bin:/mingw64/bin:/usr/local/bin:/usr/bin:/bin:/mingw64/bin:/usr/bin:/c/Users/86139/bin:/c/WINDOWS/system32:/c/WINDOWS:/c/WINDOWS/System32/Wbem:/c/WINDOWS/System32/WindowsPowerShell/v1.0:/c/WINDOWS/System32/OpenSSH/cmd:/mingw64/bin:/usr/bin:/c/Users/86139/anaconda3:/c/Users/86139/anaconda3/Library/mingw-w64/bin:/c/Users/86139/anaconda3/Library/usr/bin:/c/Users/86139/anaconda3/Library/bin:/c/Users/86139/anaconda3/Scripts:/c/Users/86139/AppData/Local/Microsoft/WindowsApps:/d/Microsoft VS Code/bin:/usr/bin/vendor_perl:/usr/bin/core_perl
```

```
86139@LAPTOP-J150R7EU 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()

86139@LAPTOP-J150R7EU MINGW64 ~
$ which python
/c/Users/86139/anaconda3/python
```

【使用 ipython】

```
86139@LAPTOP-J150R7EU MINGW64 ~
$ ipython
Python 3.12.7 | packaged by Anaconda, Inc. | (main, Oct 4 2024, 13:17:27)
[MSC v.1929 64 bit (AMD64)]
Type 'copyright', 'credits' or 'license' for more information
IPython 8.27.0 -- An enhanced Interactive Python. Type '?' for help.
```

4. 生成自己设备的 SSH 密钥 (公钥-私钥对), 将公钥添加到自己的 GitCode 安全设置里

```
86139@LAPTOP-J150R7EU MINGW64 ~/.ssh
$ ssh -T git@gitcode.com
The authenticity of host 'gitcode.com (116.205.2.91)' can't be established.
RSA key fingerprint is SHA256:aTlsy+4ARMC7nWyy5eKIqUkotk8yv7Jd+XXoP4EXj1Y.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'gitcode.com' (RSA) to the list of known hosts.
remote: Welcome to GitCode, Vicky_1057

86139@LAPTOP-J150R7EU MINGW64 ~/.ssh
$ ssh -T git@gitcode.com
remote: Welcome to GitCode, Vicky_1057
```

5.提交作业

先用 `cd` 命令切换至你准备存放本地代码仓库的上级目录

然后用 `git clone` 命令把仓库克隆到本地

```
86139@LAPTOP-J150R7EU MINGW64 ~/.ssh
$ git config --list --global
core.editor="D:\Microsoft VS Code\bin\code" --wait
user.name=Vicky_1057
user.email=Vicky_1057@noreply.gitcode.com

86139@LAPTOP-J150R7EU MINGW64 ~/.ssh
$ cd

86139@LAPTOP-J150R7EU MINGW64 ~
$ git clone ait@aitcode.com:Vickv_1057/week01.ait
Cloning into 'week01'...
remote: Enumerating objects: 7, done.
remote: Total 7 (delta 0), reused 0 (delta 0), pack-reused 7 (from 1)
Receiving objects: 100% (7/7), 8.65 KiB | 2.16 MiB/s, done.
Resolving deltas: 100% (1/1), done.
```

【vs code 这个编辑器来打开 week01 这个目录】

```
86139@LAPTOP-J150R7EU MINGW64 ~
$ code week01/
```