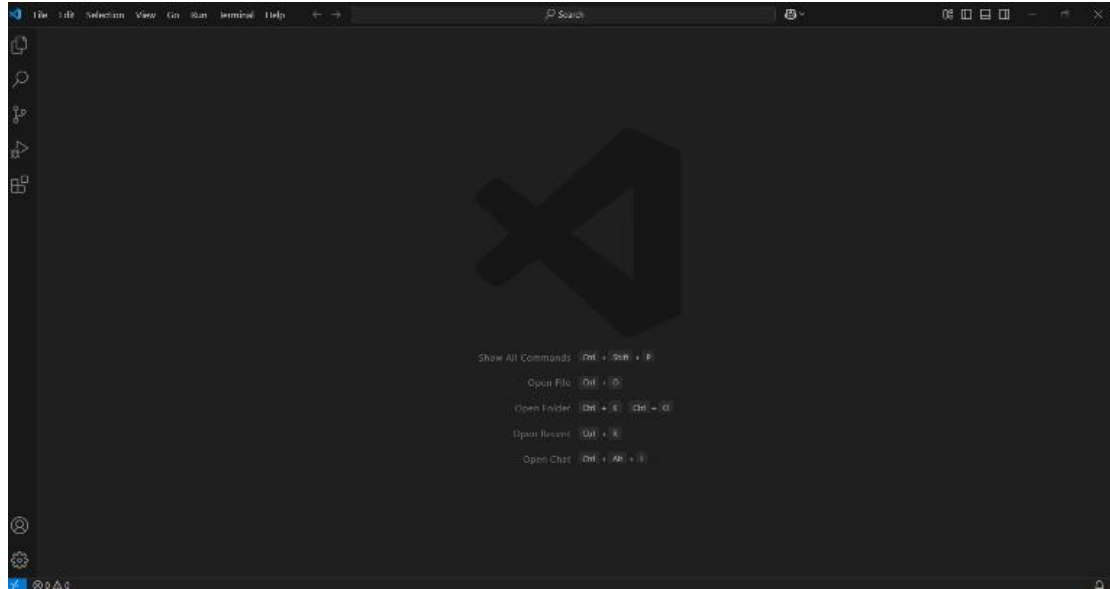


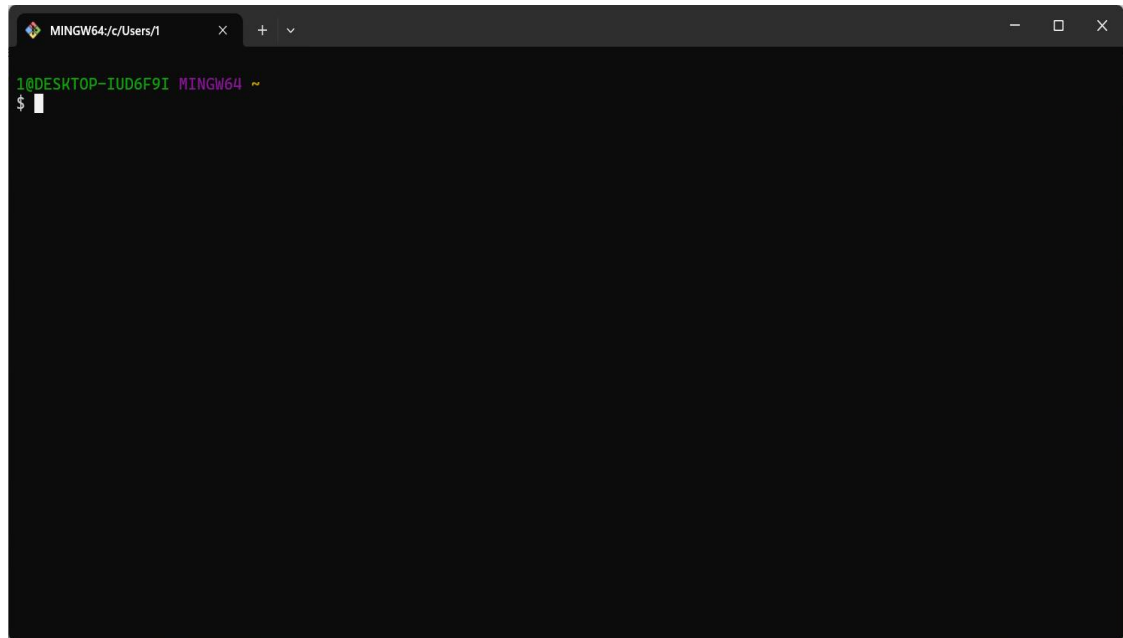
金融编程与计算-学习报告-week01

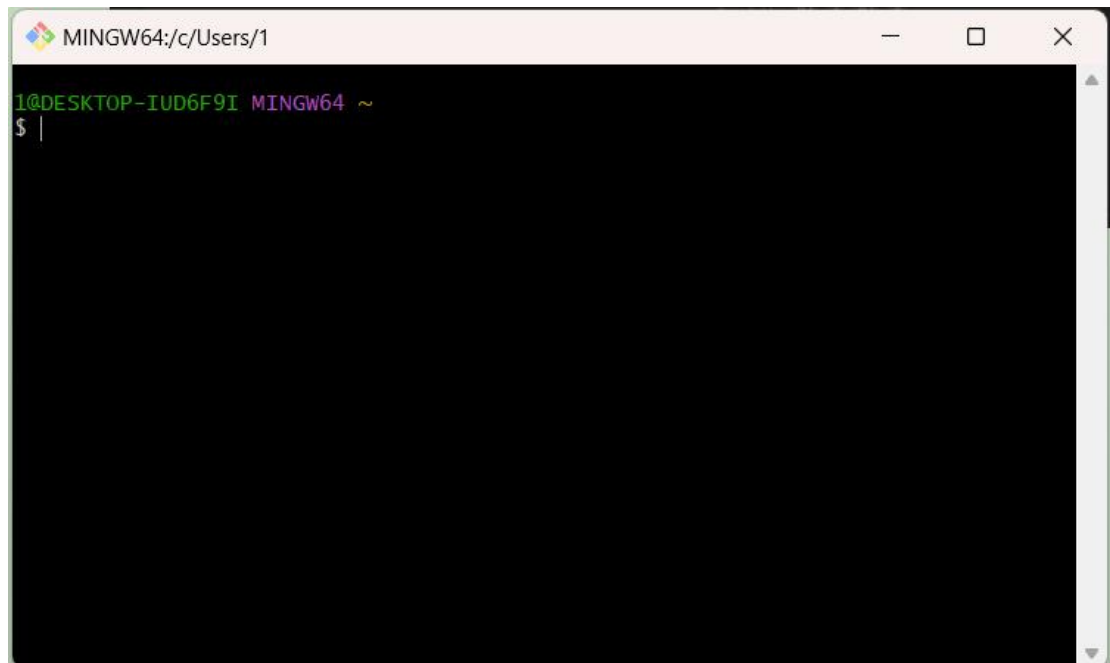
准备开发环境

1.安装 VS Code（代码编辑器）

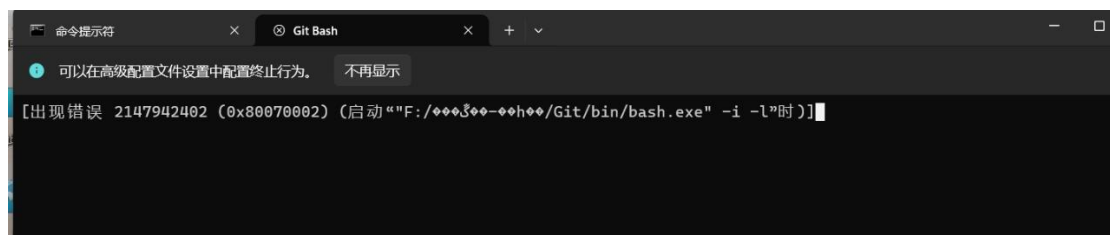


2.安装 Windows terminal 及 Git（代码版管理器）



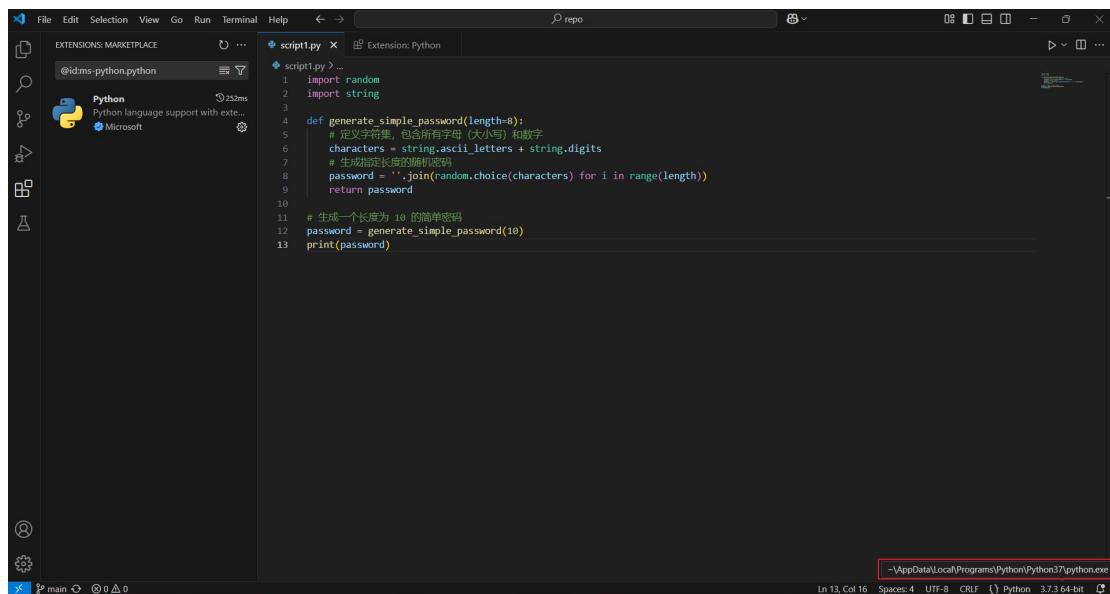


遇到问题：Git 无法在终端上正常运行



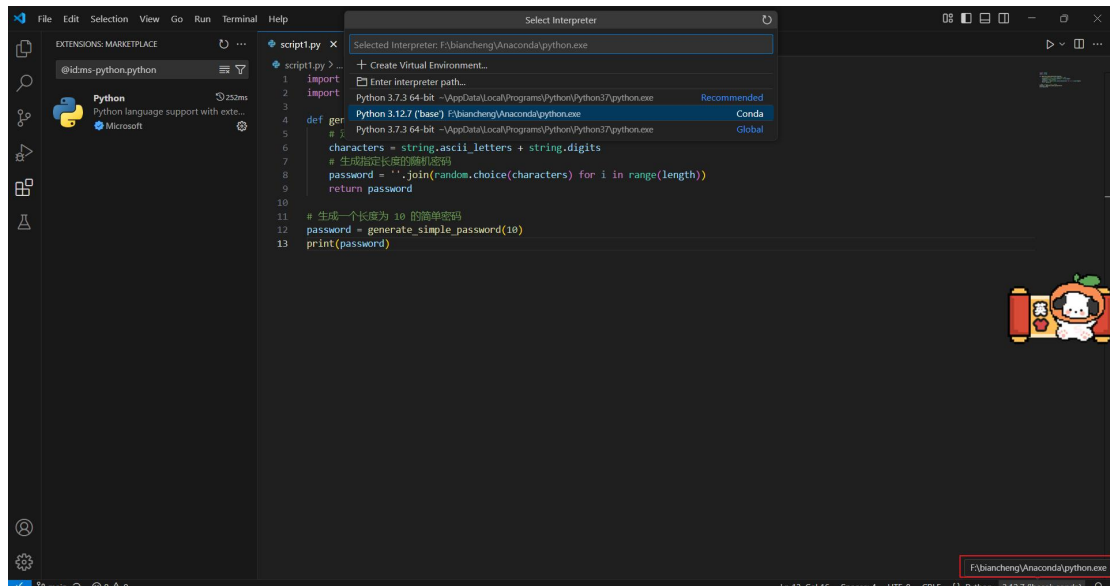
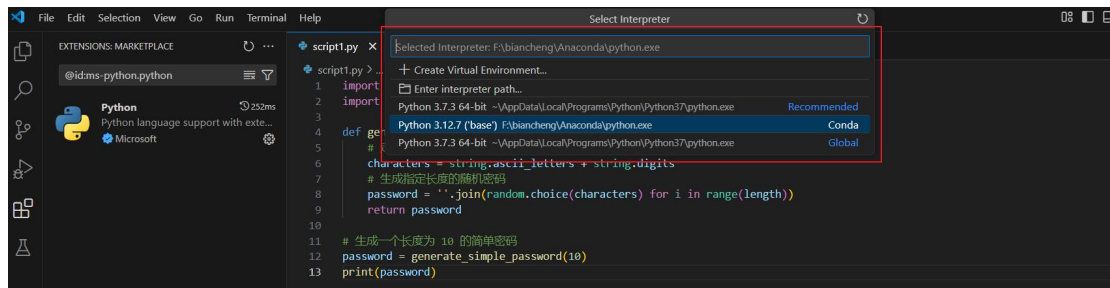
解决办法：重装终端及 Git，并将其存储路径修改至英文文件夹下。

3. 安装 Anaconda （python 解释器）



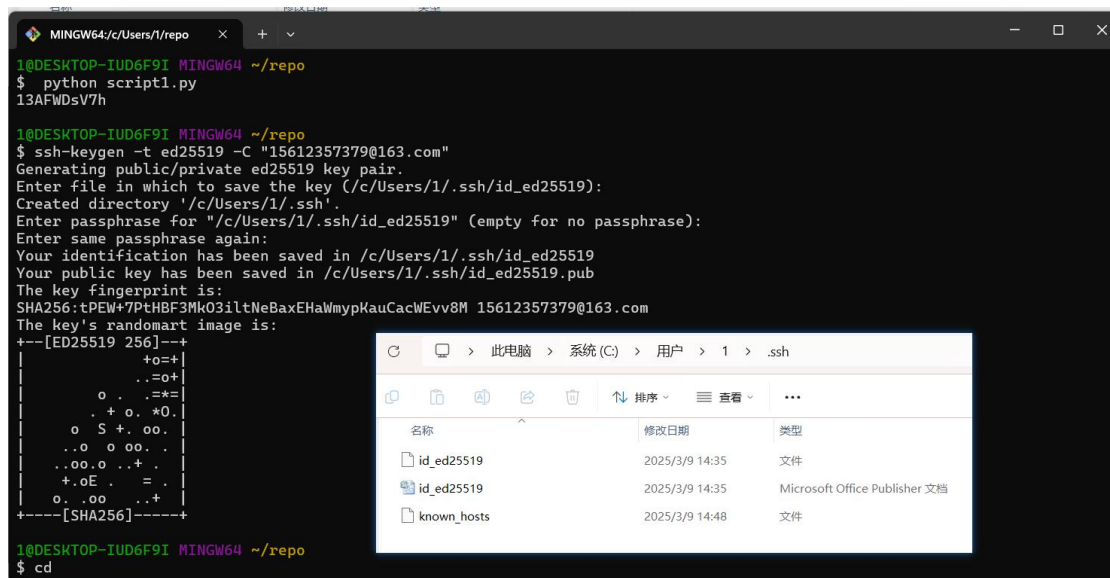
遇到问题：右下角的 python 版本不是在 Anaconda 路径下的版本

解决办法：点击右下角的 python 版本，从上方的 select 框中进行切换。



4.访问 GitCode（代码托管平台）注册用户，并保持登录

5.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 安全设备里



cherishdok...
@cherishdok...

账号管理

用户资料

账号设置

电子邮件

偏好设置

通知设置

SSH 公钥

第一周编程课生成

SSH公钥: ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIXiyfjD0fEPTf4ipyXk4nwb5RA1gCGKKXCrDwK19FrX 15612357379@163.com

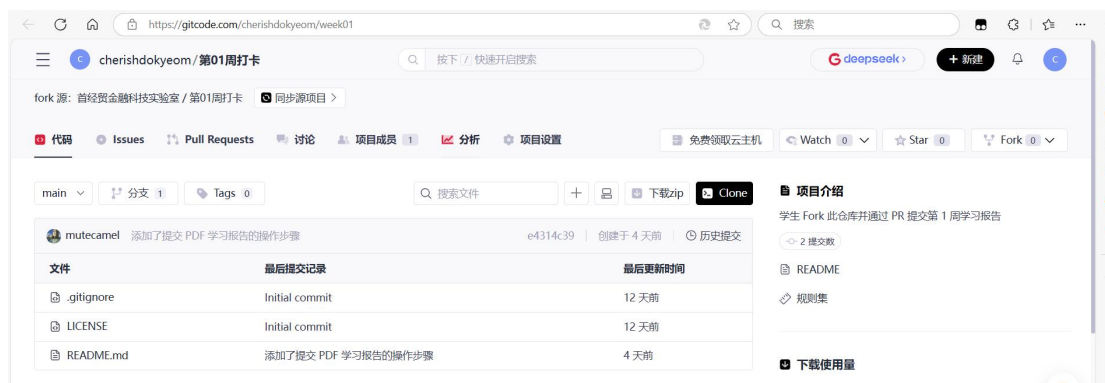
过期时间: 永不过期

使用情况: 1 小时前 被使用

创建时间: 1 小时前

6.去第 01 周打卡仓库阅读说明，完成学习报告提交

6.1 将本课程仓库（只能查看，不能修改）Fork 至个人名下的同名仓库（有修改权限），不必创建新分支。



6.2 点击个人仓库“代码”页面右上方的 Clone 按钮，复制个人名下同名仓库的 SSH 地址。

6.2.1 本地完成 Git 的全局配置

```
1@DESKTOP-IUD6F9I MINGW64 ~/.ssh
$ git config --global user.name cherishdokyem
git config --global user.email cherishdokyem@noreply.gitcode.com
```

6.2.2 查看全局配置

```
1@DESKTOP-IUD6F9I MINGW64 ~/.ssh
$ git config --list --global
core.editor="F:\Microsoft VS Code\bin\code" --wait
user.name=cherishdokyem
user.email=cherishdokyem@noreply.gitcode.com
```

6.2.3 克隆地址到本地

（注意当前文件夹：pwd;切换文件夹 cd;pwd;cd repo）

```
1@DESKTOP-IUD6F9I MINGW64 ~/.ssh
$ pwd
/c/Users/1/.ssh

1@DESKTOP-IUD6F9I MINGW64 ~/.ssh
$ cd

1@DESKTOP-IUD6F9I MINGW64 ~
$ pwd
/c/Users/1

1@DESKTOP-IUD6F9I MINGW64 ~
$ cd repo

1@DESKTOP-IUD6F9I MINGW64 ~/repo
$ pwd
/c/Users/1/repo
```

```
MINGW64:/c/Users/1/repo
$ pwd
/c/Users/1

1@DESKTOP-IUD6F9I MINGW64 ~
$ cd repo

1@DESKTOP-IUD6F9I MINGW64 ~/repo
$ pwd
/c/Users/1/repo

1@DESKTOP-IUD6F9I MINGW64 ~/repo
$ git clone git@gitcode.com:cherishdokyem/week01.git
Cloning into 'week01'...
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 7 (delta 0), reused 7 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (7/7), 8.75 KiB | 426.00 KiB/s, done.

1@DESKTOP-IUD6F9I MINGW64 ~/repo
$ ll
total 1
-rw-r--r-- 1 1 197609 434  3月  9 14:16 script1.py
drwxr-xr-x 1 1 197609  0  3月  9 15:12 week01/
```

6.3 在本地计算机文件夹里打开看到此文件的内容（建议使用 VS Code 打开本地仓库文件夹）

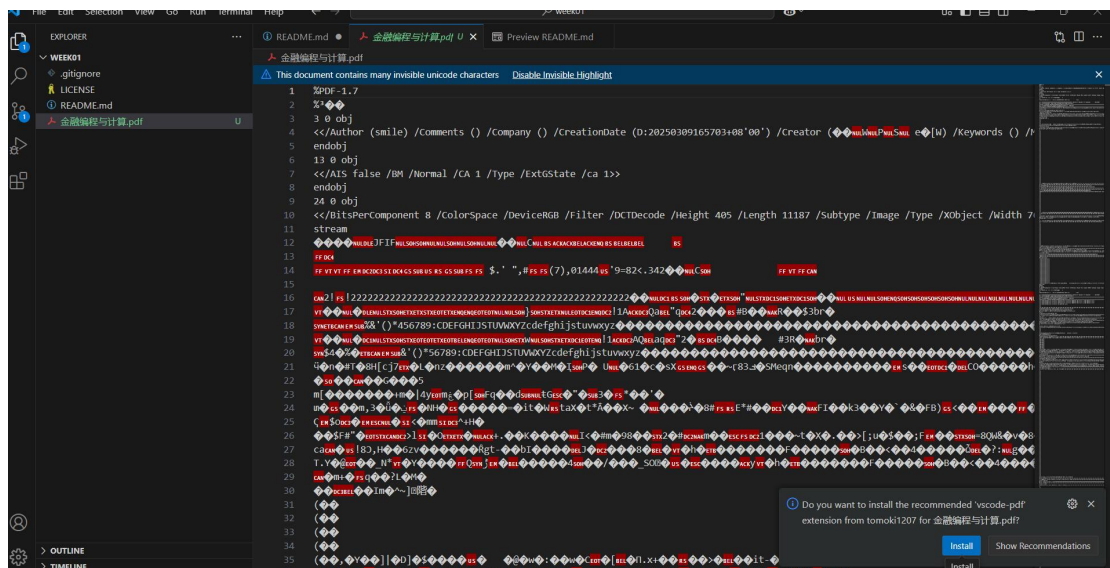
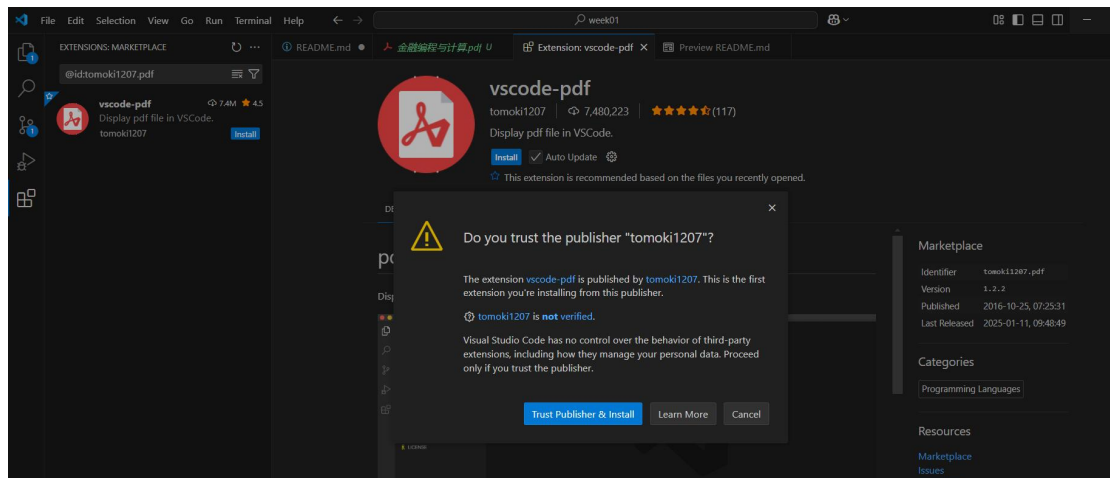


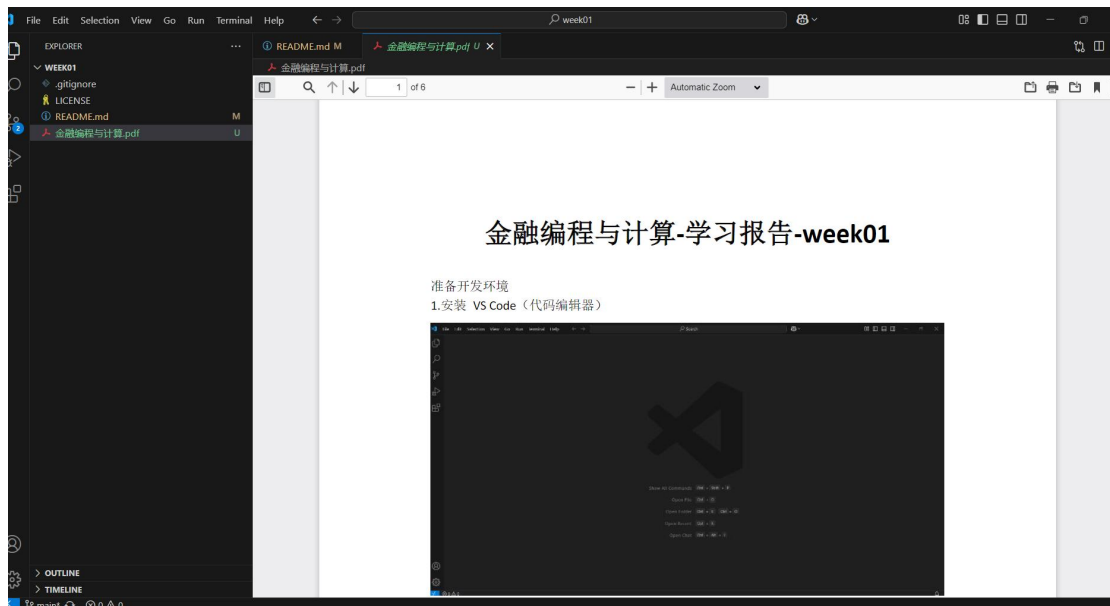
6.4 把本周学习过程中记录的 PDF 报告复制或移动到仓库文件夹里来

6.4.1 调用菜单（ctrl+shit+p）及保存（ctrl+shit+v）



6.4.2 安装 PDF 拓展文件（解决乱码）





6.4.3 查看文件修改的地方



6.5 在终端（Git Bash）里运行以下命令（需要适当指定参数）

用 `git add` 命令将 PDF 报告假如管理版本

用 `git commit` 命令将代码改动，确认提交到本地版本历史中

用 `git push` 命令将本地新提交的版本历史上推到 Git Code 平台下个人同名仓库中



```

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        "\351\207\221\350\236\215\347\274\226\347\250\213\344\270\216\350\256\241\347\256\227-\347\254\254\344\270\200\345\221\250\345\255\246\344\271\240\346\212\245\345\221\212.pdf"

no changes added to commit (use "git add" and/or "git commit -a")

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$

```

6.5.1 将 PDF 文档名称修改为中文版: git config --global core.quotePath false

```

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git config --global core.quotePath false

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        金融编程与计算-第一周学习报告.pdf

no changes added to commit (use "git add" and/or "git commit -a")

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$

```

6.5.2 git add 将 PDF 报告加入版本管理

```

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git add 金融编程与计算-第一周学习报告.pdf

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   金融编程与计算-第一周学习报告.pdf

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$

```



```

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git add .

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md
        new file:   金融编程与计算-第一周学习报告.pdf

```

查看提交日志: git log

```

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git log
commit e4314c391a769f545251081dd761588bf2c10cbc (HEAD -> main, origin/main, origin/HEAD)
Author: Qiang Gao <mutecamel@gmail.com>
Date:   Tue Mar 4 22:06:53 2025 +0800

    添加了提交 PDF 学习报告的操作步骤

commit c4a2e21c40fffec7ca7b7a76d7d4294368c5ac9e
Author: mutecamel <mutecamel@gmail.com>
Date:   Mon Feb 24 21:50:52 2025 +0800

    Initial commit

```

```

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md
        new file:   金融编程与计算-第一周学习报告.pdf

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git commit -m "跟着老师试操作, 测试版本README"
[main cab52e4] 跟着老师试操作, 测试版本README
2 files changed, 2 insertions(+)
create mode 100644 金融编程与计算-第一周学习报告.pdf

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$

```

6.5.3 git commit 将添加的 PDF 文件确认提交到本地版本历史中

```

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git commit -m "跟着老师试操作, 测试版本README"
[main cab52e4] 跟着老师试操作, 测试版本README
2 files changed, 2 insertions(+)
create mode 100644 金融编程与计算-第一周学习报告.pdf

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$

```

6.5.4 git push 将本地新提交的版本历史推到 GitCode 个人名下的同名仓库中

```

$ git remote
origin

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git remote show origin
* remote origin
  Fetch URL: git@gitcode.com:cherishdokyem/week01.git
  Push URL: git@gitcode.com:cherishdokyem/week01.git
  HEAD branch: main
  Remote branch:
    main tracked
  Local branch configured for 'git pull':
    main merges with remote main
  Local ref configured for 'git push':
    main pushes to main (fast-forwardable)

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$

```

```

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git push origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 793.30 KiB | 13.92 MiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Start Git Hooks Checking
To gitcode.com:cherishdokyem/week01.git
    e4314c3..cab52e4  main -> main
[PASSED]

1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$

```

```
1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$ git log
commit cab52e421e4ae9b7e1804d7e29b67851ad6b65d7 (HEAD -> main, origin/
Author: cherishdokyem <cherishdokyem@noreply.gitcode.com>
Date: Sun Mar 9 17:27:19 2025 +0800
```

跟着老师试操作，测试版本README

```
commit e4314c391a769f545251081dd761588bf2c10cbc
Author: Qiang Gao <mutecamel@gmail.com>
Date: Tue Mar 4 22:06:53 2025 +0800
```

添加了提交 PDF 学习报告的操作步骤

```
commit c4a2e21c40fffec7ca7b7a76d7d4294368c5ac9e
Author: mutecamel <mutecamel@gmail.com>
Date: Mon Feb 24 21:50:52 2025 +0800
```

Initial commit

```
1@DESKTOP-IUD6F9I MINGW64 ~/repo/week01 (main)
$
```

6.6 在 GitCode 个人名下的仓库中，可以看到自己推送上去的 PDF 文档



6.7 在 GitCode 上，从自己的个人仓库发起（Pull Request），目标课程仓库（即 Fork 来源）

