# Week 1 学习报告

1. 安装 VS Code (代码编辑器)
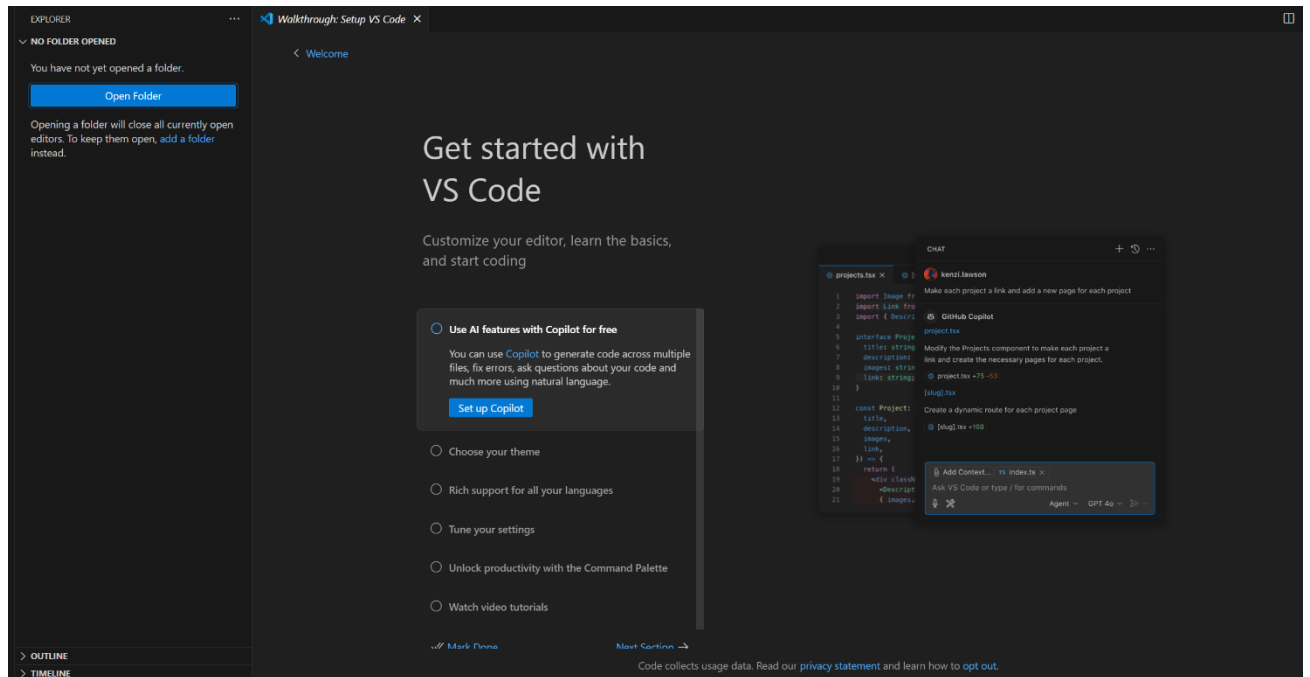
2.安装 Git (代码版本管理软件)
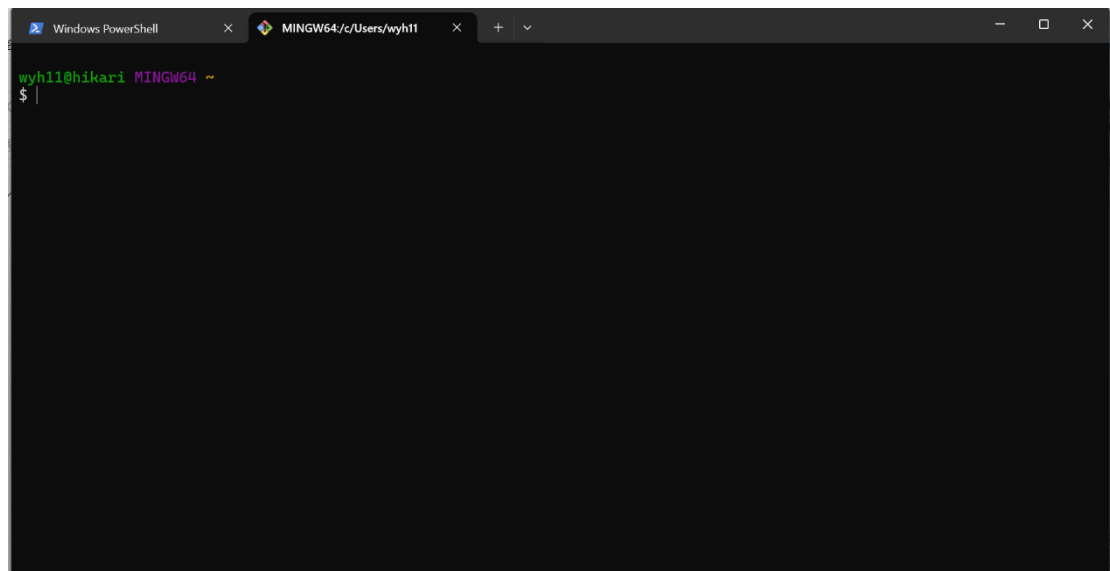
3. 安装 Anaconda (Python 解释器)

```
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.

wyh11@hikari MINGW64 ~
$
```

4.生成自己设备的 SSH 密钥 (公钥-私钥对)


```
wyh11@hikari MINGW64 ~
$ pwd
/c/Users/wyh11

wyh11@hikari MINGW64 ~
$ cd

wyh11@hikari MINGW64 ~
$ cd.ssh
bash: cd.ssh: command not found

wyh11@hikari MINGW64 ~
$ cd .ssh

wyh11@hikari MINGW64 ~/.ssh
$ cat ~/.ssh/id_ed25519.pub
ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIFbaf35vP70STNs8dBqECe8t4z5aIWjfI11/lS57mIy9 wyh112358@outlook.com

wyh11@hikari 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, qingtianwawa

wyh11@hikari MINGW64 ~/.ssh
$
```

```
wyh11@hikari MINGW64 ~
$ ssh-keygen -t ed25519 -C "wyh112358@outlook.com"
Generating public/private ed25519 key pair.
Enter file in which to save the key (/c/Users/wyh11/.ssh/id_ed25519):
Created directory '/c/Users/wyh11/.ssh'.
Enter passphrase for "/c/Users/wyh11/.ssh/id_ed25519" (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/wyh11/.ssh/id_ed25519
Your public key has been saved in /c/Users/wyh11/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:naaY6i3g7sH8k67W5xspfh+ivfvKUp+WirMOoklURy4 wyh112358@outlook.com
The key's randomart image is:
+--[ED25519 256]--+
|       .         |
|      o          |
|     E o         |
|    . o     . .  |
| .        S +    |
|.o.    .+ o      |
|.o=o.o*.oo       |
|ooo=BOoo=.       |
|o++=@X@Xo        |
+----[SHA256]-----+

wyh11@hikari MINGW64 ~
$ cd.ssh
bash: cd.ssh: command not found

wyh11@hikari MINGW64 ~
```