## 1. conda 命令工具

- (1) 常用功能: -h 或--help 用于显示帮助信息; -v 或--verbose 可多次使用,用于控制输出详细程度; --no-plugins 用于禁用非内置插件; -V 或--version 用于显示 conda 版本号。
- (2) 主要命令: 涵盖环境管理(如 activate 激活环境、deactivate 停用环境、create 创建环境)、程序管理(如 install 安装、remove 卸载、update 更新)、配置管理(config 修改. condarc 中的配置值)、信息查看(info 显示安装信息、list 列出已安装包)等多种功能。

```
usage: conda-script.py [-h] [-v] [--no-plugins] [-V] COMMAND ...
conda is a tool for managing and deploying applications, environments and packages.
   -h, --help
-v, --verbose
                                                             Show this help message and exit.
Can be used multiple times. Once for detailed output, twice for INFO logging, thrice for DEBUG
                                                              logging, four times for TRACE logging.

Disable all plugins that are not built into conda
       -no-plugins
                  -version
                                                              Show the conda version number and exit
 ommands:
The following built-in and plugins subcommands are available.
    COMMAND
         activate
build
clean
                                                              Activate a conda environment.
                                                             Activate a conda environment.

Build conda packages from a conda recipe.

Remove unused packages and caches.

List all available conda subcommands (including those from plugins). Generally only used by tab-completion.
          commands
                                                             tab-completion.

Compare packages between conda environments.

Modify configuration values in .condarc.

Signing and verification tools for Conda

Convert pure Python packages to other platforms (a.k.a., subdirs).

Create a new conda environment from a list of specified packages.

Deactivate the current active conda environment.

Debug the build or test phases of conda recipes.

Install a Python package in 'development mode'. Similar to 'pip install --editable'.

Display a health report for your environment.

Export a given environment.
         compare
config
content-trust
          create
         deactivate
debug
develop
doctor
                                                             Display a health report for your environment.

Export a given environment
Update package index metadata files.
Display information about current conda install.
Initialize conda for shell interaction.

Tools for inspecting conda packages.

Install a list of packages into a specified conda environment.
List installed packages in a conda environment.

Specialty tool for generating conda metapackage.

Retrieve latest channel notifications.

See 'conda pack — help'.
          export
index
          info
          inspect
install
list
         metapackage
notices
         notices Retrieve latest channel notifications.

pack See 'conda pack —help'.

remove (uninstall)

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.

See 'conda token —help'.
                                                             See `conda token --help`.
Update conda packages to the latest compatible version.
          update (upgrade)
```

## 2. python 与 python 哲学

```
| $ Machic condail command not found

**CRESTOTO-INCER** Killediam** - |
**Sirkin Condail** (Command not found

**CRESTOTO-INCER** Killediam** - |
**Sirkin Condail** (Command a)/Scripti/conda

**CRESTOTO-INCER** Killediam** - |
**Sirkin pathan** - |
**CRESTOTO-INCER*** Killediam** - |
**Sirkin pathan*** - |
**CRESTOTO-INCER**** Killediam** - |
**Sirkin pathan*** - |
**CRESTOTO-INCER**** Killediam** - |
**Sirkin pathan*** - |
**CRESTOTO-INCER***** Killediam** - |
**Sirkin pathan*** - |
**CRESTOTO-INCER***** Killediam** - |
**Sirkin pathan*** - |
*
```

## 3. Python 代码的使用演示

## 4. SSH 密钥生成与 Git 操作

(1) 生成 SSH 密钥: 在 MinGW64 终端执行 ssh-keygen -t ed25519 -C "15116912830@163. com"命令生成 ed25519 类型的密钥对,指定了保存路径,设置了密码(可空),并成功生成了私钥 id\_ed25519 和公钥 id\_ed25519. pub。

(2) 配置 Git 账号信息: 使用 git config --global user. name GJ2025 和 git config --global user. email GJ2025@noreply. gitcode. com 命令配置全局用户 名和邮箱,之后通过 git config --list --global 命令查看配置结果。

(3) 克隆 Git 仓库: 先切换到指定目录,然后执行 git clone git@gitcode.com:GJ2025/week01.git 命令,成功将远程仓库克隆到本地,克隆 完成后在本地目录中查看相关文件,并使用 code week01/命令在 VS Code 中打 开克隆的项目。

