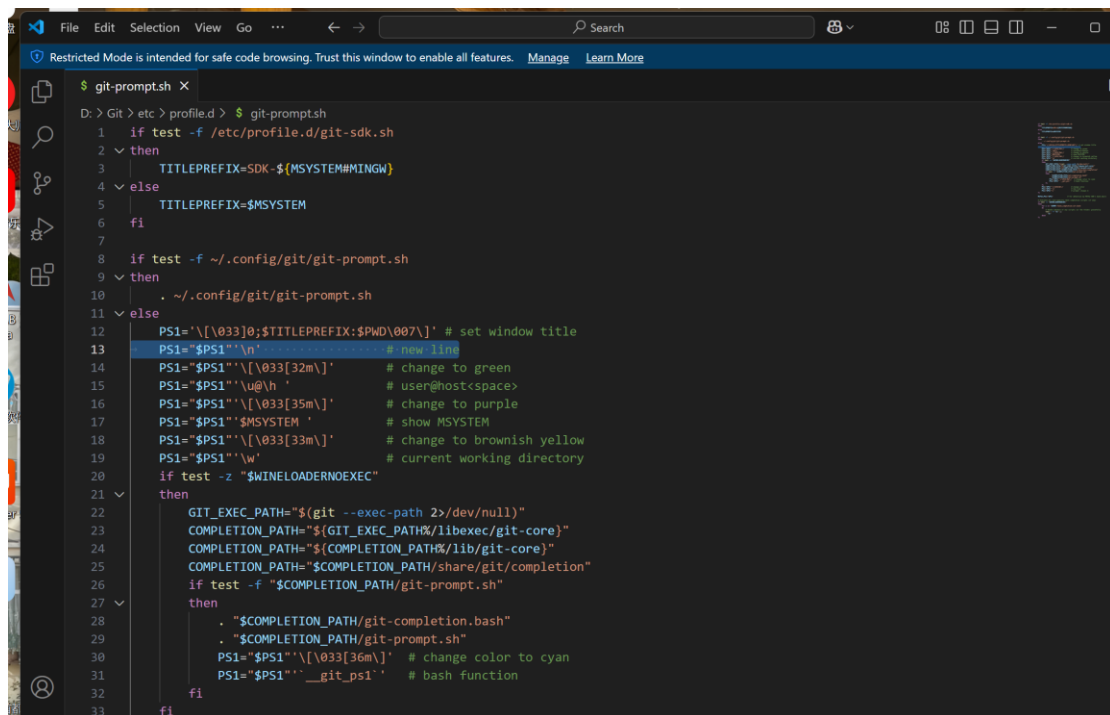
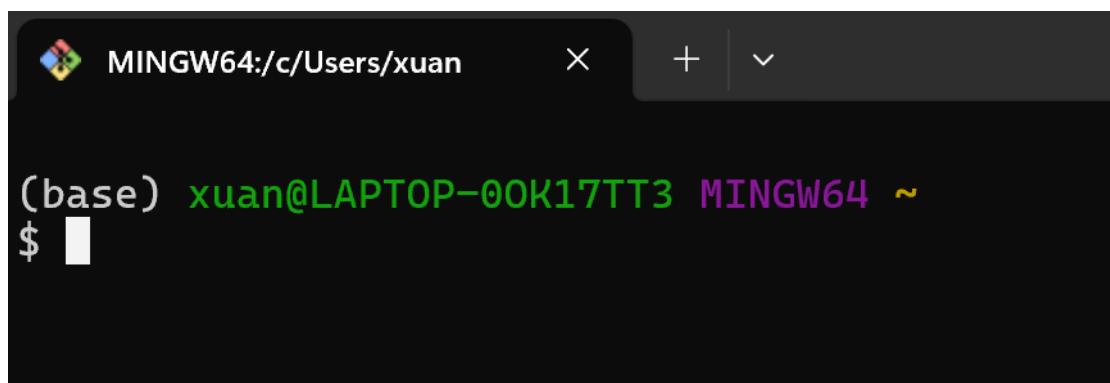
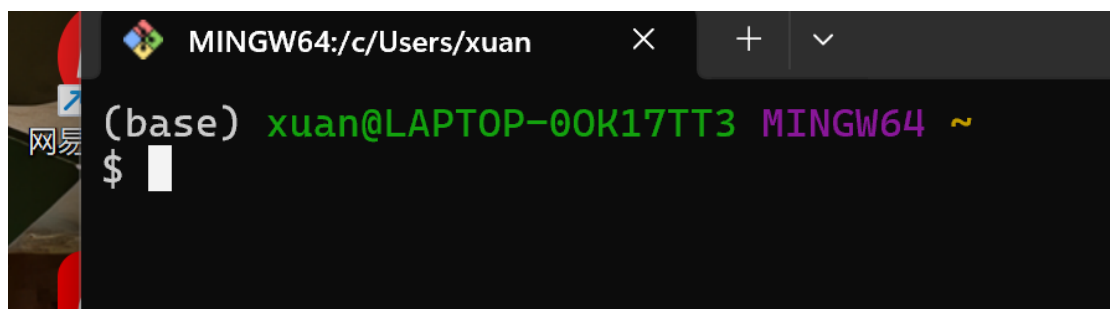


1、设置 base 和换行



The screenshot shows a VS Code editor window with the file 'git-prompt.sh' open. The script is a bash script that configures the Git prompt. It includes logic to set the window title, change the prompt color and format, and set the completion path. The script is written in a multi-line format with line numbers on the left. The prompt is set to show the current directory, the Git branch name, and the current working directory. The script also includes a function to show the MSYSTEM environment variable.

```
1  if test -f /etc/profile.d/git-sdk.sh
2  then
3      TITLEPREFIX=SDK-${MSYSTEM#MINGW}
4  else
5      TITLEPREFIX=$MSYSTEM
6  fi
7
8  if test -f ~/.config/git/git-prompt.sh
9  then
10     . ~/.config/git/git-prompt.sh
11 else
12     PS1='\[\033]0;$TITLEPREFIX:$PWD\007\]' # set window title
13     PS1="$PS1"\n" # new line
14     PS1="$PS1"\[\033[32m\]' # change to green
15     PS1="$PS1"'\u@h ' # user@host<space>
16     PS1="$PS1"\[\033[35m\]' # change to purple
17     PS1="$PS1" '$MSYSTEM ' # show MSYSTEM
18     PS1="$PS1"\[\033[33m\]' # change to brownish yellow
19     PS1="$PS1"'\w' # current working directory
20     if test -z "$WINELOADERNOEXEC"
21     then
22         GIT_EXEC_PATH="$(git --exec-path 2>/dev/null)"
23         COMPLETION_PATH="$GIT_EXEC_PATH%/libexec/git-core"
24         COMPLETION_PATH="$COMPLETION_PATH%/lib/git-core"
25         COMPLETION_PATH="$COMPLETION_PATH%/share/git/completion"
26         if test -f "$COMPLETION_PATH/git-prompt.sh"
27         then
28             . "$COMPLETION_PATH/git-completion.bash"
29             . "$COMPLETION_PATH/git-prompt.sh"
30             PS1="$PS1"\[\033[36m\]' # change color to cyan
31             PS1="$PS1" '__git_ps1' # bash function
32         fi
33     fi
```



2、创建两个 Conda 环境

```
MINGW64/c/Users/xuan  X  +  v
python                pkgs/main/win-64::python-3.12.9-h14ffc60_0
requests              pkgs/main/win-64::requests-2.32.3-py312haa95532_1
setuptools            pkgs/main/win-64::setuptools-75.8.0-py312haa95532_0
sqlite                pkgs/main/win-64::sqlite-3.45.3-h2bbff1b_0
tk                    pkgs/main/win-64::tk-8.6.14-h0416ee5_0
tzdata                pkgs/main/noarch::tzdata-2025a-h04d1e81_0
urllib3               pkgs/main/win-64::urllib3-2.3.0-py312haa95532_0
vc                    pkgs/main/win-64::vc-14.42-haa95532_4
vs2015_runtime        pkgs/main/win-64::vs2015_runtime-14.42.34433-he0abc0d_4
wheel                 pkgs/main/win-64::wheel-0.45.1-py312haa95532_0
win_inet_pton         pkgs/main/win-64::win_inet_pton-1.1.0-py312haa95532_0
xz                    pkgs/main/win-64::xz-5.6.4-h4754444_1
zlib                  pkgs/main/win-64::zlib-1.2.13-h8cc25b3_1
done
#
# To activate this environment, use
#
#     $ conda activate prj1
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) xuan@LAPTOP-00K17TT3 MINGW64 ~
$
```

```
(base) xuan@LAPTOP-00K17TT3 MINGW64 ~
$ conda env list
# conda environments:
#
base                *  D:\anaconda
prj1                 D:\anaconda\envs\prj1
prj2                 D:\anaconda\envs\prj2
```

```
(base) xuan@LAPTOP-00K17TT3 MINGW64 ~
$ conda activate prj1
(prj1)
xuan@LAPTOP-00K17TT3 MINGW64 ~
$ which python
/d/anaconda/envs/prj1/python
(prj1)
xuan@LAPTOP-00K17TT3 MINGW64 ~
$ python --version
Python 3.12.9
(prj1)
```

3、进 prj2

```

Type 'help', 'copyright', 'credits' or 'license' for more information.
>>> quit()
(prj1)
xuan@LAPTOP-00K17TT3 MINGW64 ~
$ conda activate prj2
(prj2)
xuan@LAPTOP-00K17TT3 MINGW64 ~
$ which python
/d/anaconda/envs/prj2/python
(prj2)
xuan@LAPTOP-00K17TT3 MINGW64 ~
$ python --version
Python 3.9.21
(prj2)
xuan@LAPTOP-00K17TT3 MINGW64 ~
$ python
Python 3.9.21 (main, Dec 11 2024, 16:35:24) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>

```

4、注意：要先 import 才能看版本

```

>>> pandas.__version__
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'pandas' is not defined
>>> import pandas
>>> pandas.__version__
'2.2.3'
>>> import statsmodels
>>> statsmodels.__version__
'0.14.4'

```

```

> Users > xuan > !.condarc
1 channels:
2   - conda-forge
3 show_channel_urls: true
4 default_channels:
5   - https://mirrors.tuna.tsinghua.edu.cn/conda/
6   - https://mirrors.tuna.tsinghua.edu.cn/conda/
7   - https://mirrors.tuna.tsinghua.edu.cn/conda/
8 custom_channels:
9   conda-forge: https://mirrors.tuna.tsinghua.edu.cn/conda/
10  pytorch: https://mirrors.tuna.tsinghua.edu.cn/conda/
11 channel_priority: strict
12

- https://repo.anaconda.com/pkgs/msys2
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: failed

PackagesNotFoundError: The following packages are not
available from the current channels:

- munpy

Current channels:

- defaults
- https://repo.anaconda.com/pkgs/main
- https://repo.anaconda.com/pkgs/r
- https://repo.anaconda.com/pkgs/msys2

To search for alternate channels that may provide the package
looking for, navigate to

https://anaconda.org

and use the search bar at the top of the page.

(prj1)
xuan@LAPTOP-00K17TT3 MINGW64 ~
$ conda config --set channel_priority strict
(prj1)

```

5、先进入文件夹内才能 CAT

```
(base) xuan@LAPTOP-00K17TT3 MINGW64 ~/repo
$ cat environment.yml
cat: environment.yml: No such file or directory

(base) xuan@LAPTOP-00K17TT3 MINGW64 ~/repo
$ cd myproject

(base) xuan@LAPTOP-00K17TT3 MINGW64 ~/repo/myproject
$ cat environment.yml
name: myproject
channels:
  - conda-forge
dependencies:
  - python=3.12
```

```
(myproject)
xuan@LAPTOP-00K17TT3 MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
(myproject)
xuan@LAPTOP-00K17TT3 MINGW64 ~/repo/myproject
```

```
xuan@LAPTOP-00K17TT3 MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
2.2.3
D:\anaconda\envs\myproject\Lib\site-packages\pandas\__init__.py
(myproject)
xuan@LAPTOP-00K17TT3 MINGW64 ~/repo/myproject
$
```