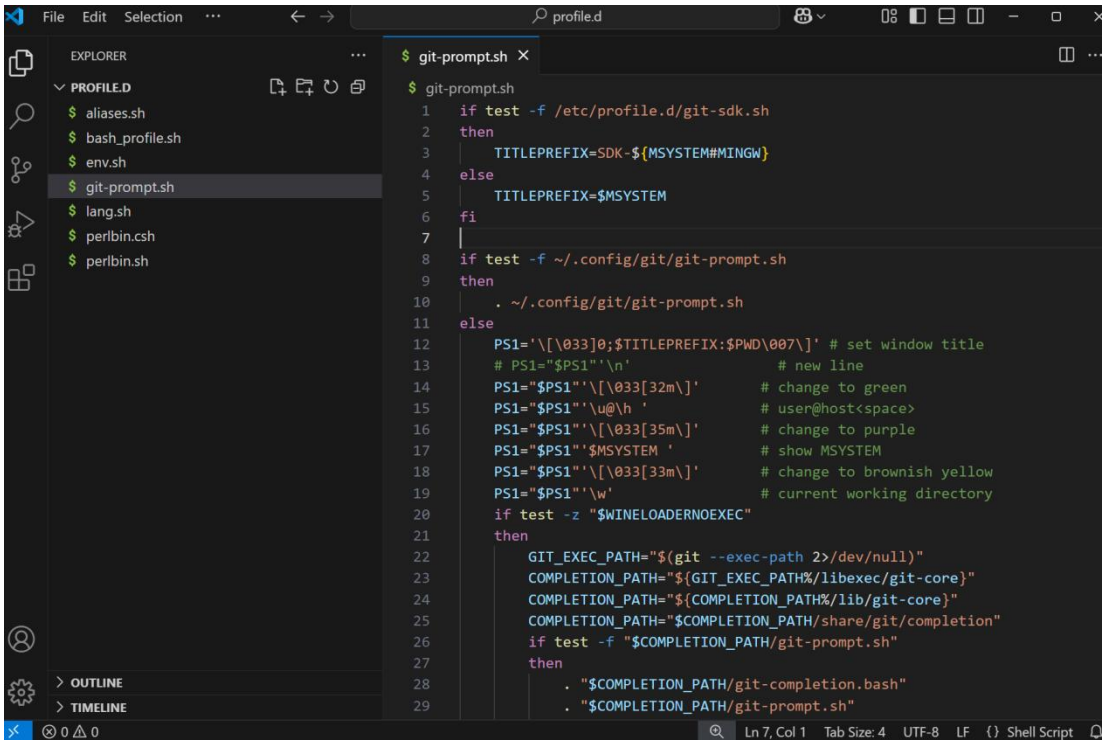
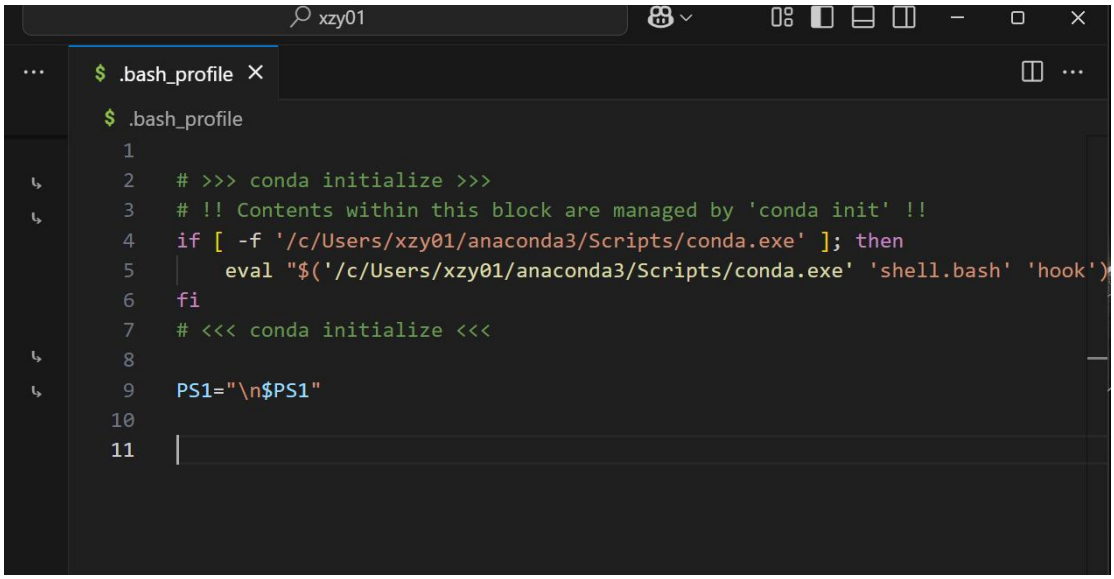
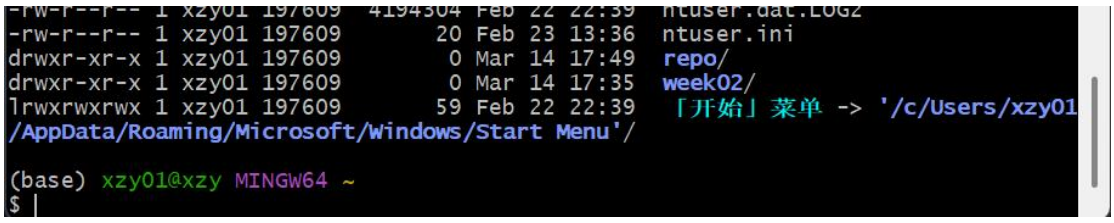
1.


File Edit Selection
profile.d
EXPLORER
PROFILE.D
aliases.sh
bash_profile.sh
env.sh
git-prompt.sh
lang.sh
perlbin.csh
perlbin.sh
OUTLINE
TIMELINE
git-prompt.sh
if test -f /etc/profile.d/git-sdk.sh
then
TITLEPREFIX=SDK-${MSYSTEM#MINGW}
else
TITLEPREFIX=$MSYSTEM
fi
if test -f ~/.config/git/git-prompt.sh
then
. ~/.config/git/git-prompt.sh
else
PS1='\[\033]0;$TITLEPREFIX:$PWD\007\]' # set window title
# PS1="$PS1"'\n' # new line
PS1="$PS1"'\[\033[32m\]' # change to green
PS1="$PS1"'\u@\h ' # user@host<space>
PS1="$PS1"'\[\033[35m\]' # change to purple
PS1="$PS1"'$MSYSTEM ' # show MSYSTEM
PS1="$PS1"'\[\033[33m\]' # change to brownish yellow
PS1="$PS1"'\w' # current working directory
if test -z "$WINELOADERNOEXEC"
then
GIT_EXEC_PATH="$(git --exec-path 2>/dev/null)"
COMPLETION_PATH="${GIT_EXEC_PATH%/libexec/git-core}"
COMPLETION_PATH="${COMPLETION_PATH%/lib/git-core}"
COMPLETION_PATH="$COMPLETION_PATH/share/git/completion"
if test -f "$COMPLETION_PATH/git-prompt.sh"
then
. "$COMPLETION_PATH/git-completion.bash"
. "$COMPLETION_PATH/git-prompt.sh"
Ln 7, Col 1 Tab Size: 4 UTF-8 LF Shell Script


xzy01
.bash_profile
.bash_profile
# >>> conda initialize >>>
# !! Contents within this block are managed by 'conda init' !!
if [-f '/c/Users/xzy01/anaconda3/Scripts/conda.exe']; then
eval "$('/c/Users/xzy01/anaconda3/Scripts/conda.exe' 'shell.bash' 'hook')
fi
# <<< conda initialize <<<
PS1="\n$PS1"


-rw-r--r-- 1 xzy01 197609 20 Feb 23 13:36 ntuser.ini
drwxr-xr-x 1 xzy01 197609 0 Mar 14 17:49 repo/
drwxr-xr-x 1 xzy01 197609 0 Mar 14 17:35 week02/
lrwxrwxrwx 1 xzy01 197609 59 Feb 22 22:39 「开始」菜单 -> '/c/Users/xzy01
/AppData/Roaming/Microsoft/Windows/Start Menu'/
(base) xzy01@xzy MINGW64 ~
$

4 .

```
xzy01@xzy MINGW64 ~
$ conda activate prj2
(prj2)
xzy01@xzy MINGW64 ~
$ python --version
Python 3.9.21
(prj2)
xzy01@xzy 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.
>>> import request
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ModuleNotFoundError: No module named 'request'
>>> import pandas
>>> pandas.__file__
'C:\\Users\\xzy01\\anaconda3\\envs\\prj2\\lib\\site-packages\\pandas\\__init__.p
y'
>>> pandas.__version__
'2.2.3'
>>> import statsmodels
>>> statsmodels.__version__
'0.14.4'
>>>
```

5.

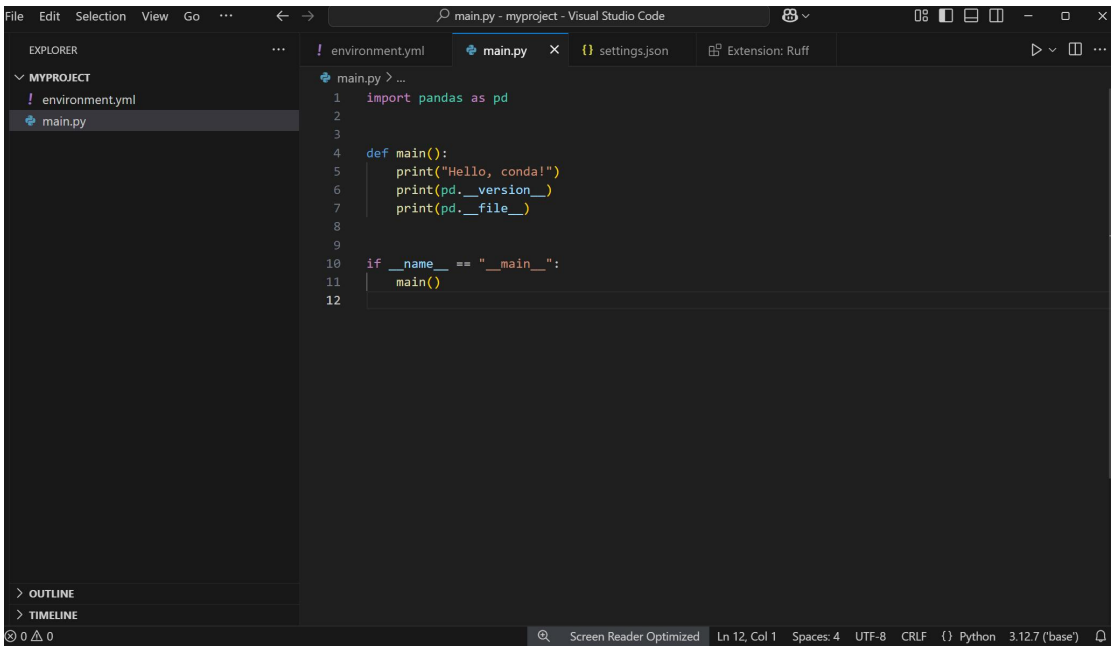
```
xzy01@xzy MINGW64 ~
$ conda list
# packages in environment at C:\Users\xzy01\anaconda3\envs\prj2:
#
# Name                    Version                   Build  Channel
blas                      1.0                         mkl
bottleneck                1.4.2           py39hc99e966_0
ca-certificates           2025.2.25            haa95532_0
icc_rt                    2022.1.0             h6049295_2
intel-openmp              2023.1.0        h59b6b97_46320
mkl                       2023.1.0        h6b88ed4_46358
mkl-service               2.4.0           py39h827c3e9_2
mkl_fft                   1.3.11          py39h827c3e9_0
mkl_random                1.2.8           py39hc64d2fc_0
numexpr                   2.10.1          py39h4cd664f_0
numpy                     2.0.2           py39h055cbcc_0
numpy-base                2.0.2           py39h65a83cf_0
openssl                   3.0.16               h3f729d1_0
packaging                 24.2            py39haa95532_0
pandas                    2.2.3           py39h5da7b33_0
patsy                     1.0.1           py39haa95532_0
pip                       25.0            py39haa95532_0
pybind11-abi              5                    hd3eb1b0_0
python                    3.9.21               h8205438_1
python-dateutil           2.9.0post0      py39haa95532_2
python-tzdata             2023.3             pyhd3eb1b0_0
pytz                      2024.1          py39haa95532_0
scipy                     1.13.1          py39h8640f81_1
setuptools                72.1.0          py39haa95532_0
six                       1.16.0             pyhd3eb1b0_1
sqlite                    3.45.3               h2bbff1b_0
statsmodels               0.14.4          py39h827c3e9_0
tbb                       2021.8.0             h59b6b97_0
tzdata                    2025a                h04d1e81_0
vc                        14.42                haa95532_4
vs2015_runtime            14.42.34433          he0abc0d_4
wheel                     0.45.1          py39haa95532_0
(prj2)
```

7.

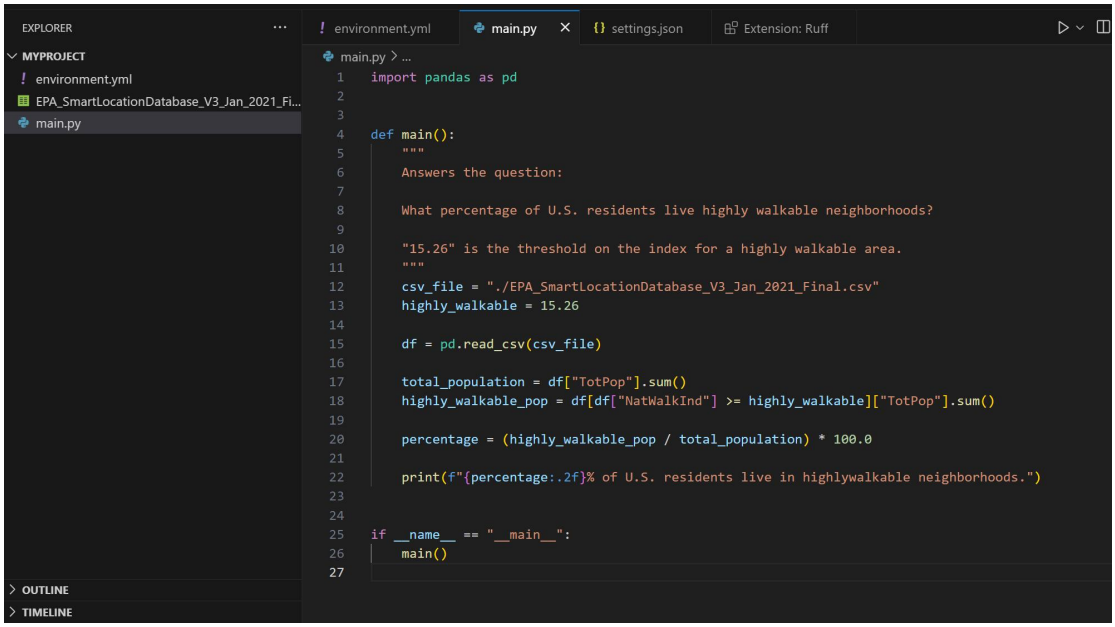
```
! .condarc
channels:
  - conda-forge
  - defaults
show_channel_urls: true
default_channels:
  - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/main
  - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/r
  - https://mirrors.tuna.tsinghua.edu.cn/anaconda/pkgs/msys2
custom_channels:
  conda-forge: https://mirrors.tuna.tsinghua.edu.cn/anaconda/cloud
  pytorch: https://mirrors.tuna.tsinghua.edu.cn/anaconda/cloud
channel_priority: strict
```

8.

```
xzy01@xzy MINGW64 ~
$ python
Python 3.12.9 | packaged by conda-forge | (main, Mar  4 2025, 22:37:18) [MSC v.1
943 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> import tushare
>>> tushare.__file__
'C:\\Users\\xzy01\\anaconda3\\envs\\prj1\\Lib\\site-packages\\tushare\\__init__.
py'
>>>
```



```
xzy01@xzy MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
(myproject)
xzy01@xzy MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
Traceback (most recent call last):
  File "C:\Users\xzy01\repo\myproject\main.py", line 8, in <module>
    main()
  File "C:\Users\xzy01\repo\myproject\main.py", line 3, in main
    print(pd.__version__)
          ^^
NameError: name 'pd' is not defined. Did you mean: 'id'?
(myproject)
xzy01@xzy MINGW64 ~/repo/myproject
$ python main.py
Hello, conda!
2.2.3
C:\Users\xzy01\anaconda3\envs\myproject\Lib\site-packages\pandas\__init__.py
(myproject)
```




```
xzy01@xzy MINGW64 ~/repo/myproject
$ curl -O https://edg.epa.gov/EPADataCommons/public/OA/EPA_SmartLocationDatabase
_V3_Jan_2021_Final.csv
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
 15  192M   15 29.0M    0     0  66276      0  0:50:41  0:07:39  0:43:02 98461
(myproject)
xzy01@xzy MINGW64 ~/repo/myproject
$ python main.py
7.38% of U.S. residents live in highlywalkable neighborhoods.
(myproject)
```