

Assignment01 (Week1)

Get ready for python environment and packages installed

命令提示符 - "D:\Anaconda3\condabin\conda.bat" activate mlai - "D:\Anaconda3\condabin\conda.bat" deactivate - "D:\Anaconda3\condabin\conda.bat" activate mlai

```
C:\Users\30210>conda env list
# conda environments:
#
base                    *  D:\Anaconda3
cd80uzh                 D:\Anaconda3\envs\cd80uzh
chengdu80uestc         D:\Anaconda3\envs\chengdu80uestc
cmsa                    D:\Anaconda3\envs\cmsa
comnet                  D:\Anaconda3\envs\comnet
cxsj2                   D:\Anaconda3\envs\cxsj2
dqnenv                  D:\Anaconda3\envs\dqnenv
mlai                    D:\Anaconda3\envs\mlai
mobax                   D:\Anaconda3\envs\mobax
paddle                 D:\Anaconda3\envs\paddle
shixi                   D:\Anaconda3\envs\shixi
sodic                   D:\Anaconda3\envs\sodic
test                    D:\Anaconda3\envs\test
wb                      D:\Anaconda3\envs\wb
zwxxcl                  D:\Anaconda3\envs\zwxxcl
zwxxclF                 D:\Anaconda3\envs\zwxxclF
zyfd                    D:\Anaconda3\envs\zyfd
D:\Miniconda3
```

```
C:\Users\30210>conda activate mlai
```

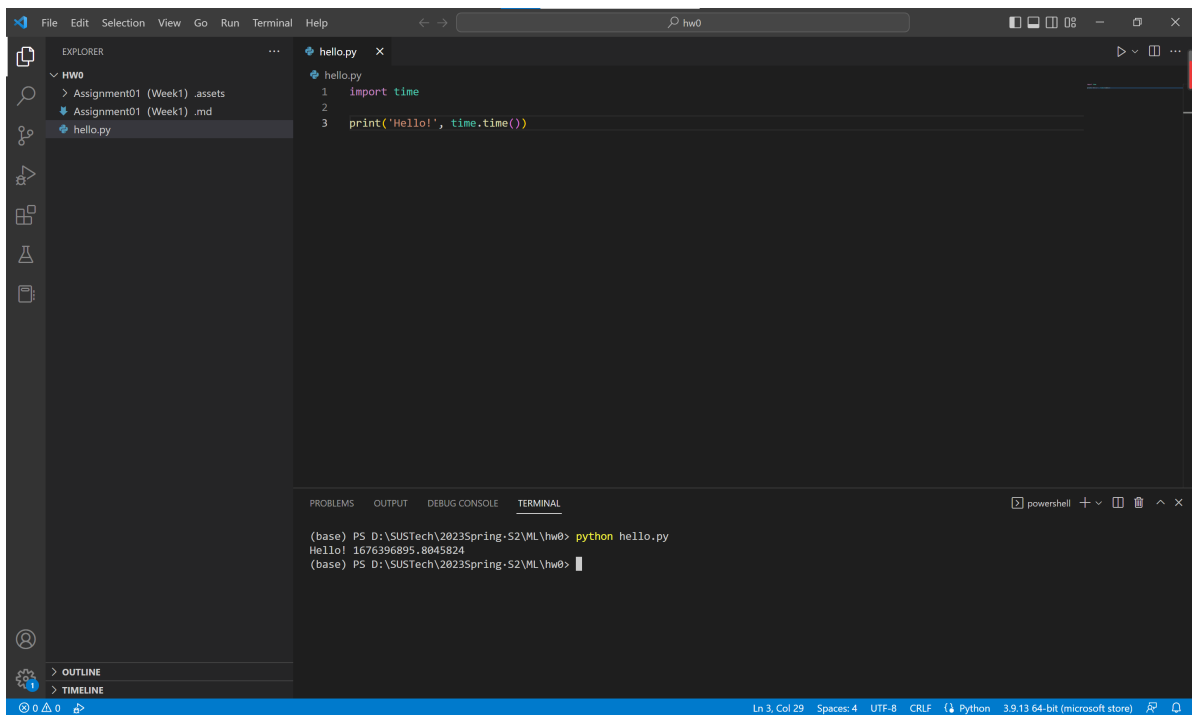
```
(mlai) C:\Users\30210>pip show numpy
Name: numpy
Version: 1.21.6
Summary: NumPy is the fundamental package for array computing with Python.
Home-page: https://www.numpy.org
Author: Travis E. Oliphant et al.
Author-email:
License: BSD
Location: d:\anaconda3\envs\mlai\lib\site-packages
Requires:
Required-by: matplotlib, scikit-learn, scipy, torchvision
```

```
(mlai) C:\Users\30210>pip show scipy
Name: scipy
Version: 1.7.3
Summary: SciPy: Scientific Library for Python
Home-page: https://www.scipy.org
Author:
Author-email:
License: BSD
Location: d:\anaconda3\envs\mlai\lib\site-packages
Requires: numpy
Required-by: scikit-learn
```

```
(mlai) C:\Users\30210>pip show scikit-learn
Name: scikit-learn
Version: 1.0.2
Summary: A set of python modules for machine learning and data mining
Home-page: http://scikit-learn.org
Author:
Author-email:
License: new BSD
Location: d:\anaconda3\envs\mlai\lib\site-packages
Requires: joblib, numpy, scipy, threadpoolctl
Required-by:
```

```
(mlai) C:\Users\30210>pip show matplotlib
Name: matplotlib
Version: 3.5.3
Summary: Python plotting package
Home-page: https://matplotlib.org
Author: John D. Hunter, Michael Droettboom
Author-email: matplotlib-users@python.org
License: PSF
Location: d:\anaconda3\envs\mlai\lib\site-packages
Requires: cycler, fonttools, kiwisolver, numpy, packaging, pillow, pyparsing, python-dateutil
Required-by: lab
```

VS Code and Jupyter notebook



```
(mlai) D:\SUSTech\2023Spring-S2\ML\hw0>jupyter notebook
[I 01:46:28.148 NotebookApp] Serving notebooks from local directory: D:\SUSTech\2023Spring-S2\ML\hw0
[I 01:46:28.148 NotebookApp] Jupyter Notebook 6.5.2 is running at:
[I 01:46:28.148 NotebookApp] http://localhost:8888/?token=4185a8a8f07ee57a6b05f6c28899ab330e37c45fd832ad44
[I 01:46:28.148 NotebookApp] or http://127.0.0.1:8888/?token=4185a8a8f07ee57a6b05f6c28899ab330e37c45fd832ad44
[I 01:46:28.148 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 01:46:28.383 NotebookApp]

To access the notebook, open this file in a browser:
    file:///C:/Users/30210/AppData/Roaming/jupyter/runtime/nbserver-58400-open.html
Or copy and paste one of these URLs:
    http://localhost:8888/?token=4185a8a8f07ee57a6b05f6c28899ab330e37c45fd832ad44
    or http://127.0.0.1:8888/?token=4185a8a8f07ee57a6b05f6c28899ab330e37c45fd832ad44
```

