

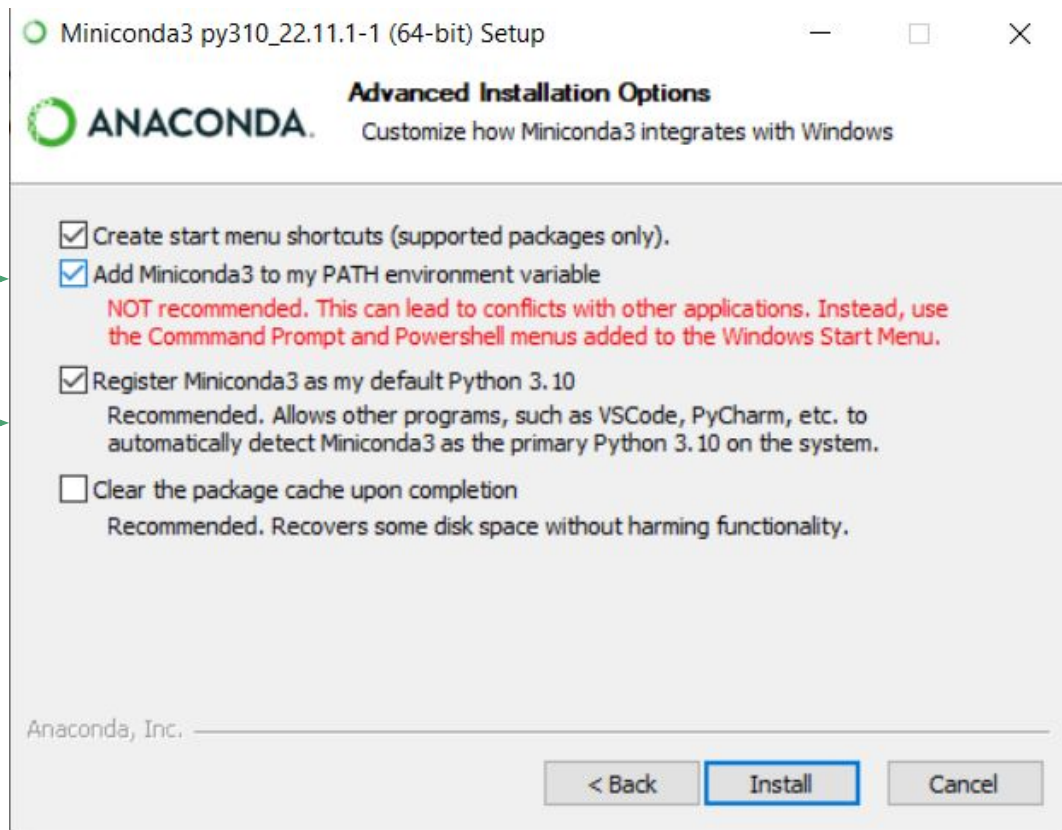
Chương 1: Làm quen với Python

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Cài đặt

Tick vào



Cài đặt



Cài đặt

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.3930]
(c) Microsoft Corporation. All rights reserved.

C:\Users\John\Desktop\SPKT\223TTNT>conda
usage: conda-script.py [-h] [-V] command ...

conda is a tool for managing and deploying applications, environments and packages.

Options:
positional arguments:
  command
  clean                Remove unused packages and caches.
  compare              Compare packages between conda environments.
  config               Modify configuration values in .condarc. This is modeled after the git config command. Writes to
                       the user .condarc file (C:\Users\John\condarc) by default. Use the --show-sources flag to
                       display all identified configuration locations on your computer.
  create               Create a new conda environment from a list of specified packages.
  info                 Display information about current conda install.
  init                 Initialize conda for shell interaction.
  install              Installs a list of packages into a specified conda environment.
  list                 List installed packages in a conda environment.
  package              Low-level conda package utility. (EXPERIMENTAL)
  remove (uninstall)  Remove a list of packages from a specified conda environment.
  rename               Renames an existing environment.
  run                  Run an executable in a conda environment.
  search               Search for packages and display associated information. The input is a MatchSpec, a query
                       language for conda packages. See examples below.
  update (upgrade)    Updates conda packages to the latest compatible version.
```

Cài đặt

Setup - Microsoft Visual Studio Code (User)

Select Additional Tasks

Which additional tasks should be performed?

Select the additional tasks you would like Setup to perform while installing Visual Studio Code, then click Next.

Additional icons:

☐ Create a desktop icon

Other:

☒ Add "Open with Code" action to Windows Explorer file context menu

☒ Add "Open with Code" action to Windows Explorer directory context menu

☒ Register Code as an editor for supported file types

☒ Add to PATH (requires shell restart)

< Back Next > Cancel

Cài đặt

cmd C:\Windows\System32\cmd.exe

options:

-h, --help Show this help message and exit.
-V, --version Show the conda version number and exit.

conda commands available from other packages (legacy):

content-trust
env

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>clear

'clear' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\John\Desktop\SPKT\223TTNT>cl

'cl' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>

C:\Users\John\Desktop\SPKT\223TTNT>conda create -n ai class python=3.9

Cài đặt

```
C:\Windows\System32\cmd.exe - conda create -n ai_class python=3.9

wheel-0.41.2 | py39haa95532_0 126 KB
-----
Total: 31.7 MB

The following NEW packages will be INSTALLED:

ca-certificates      pkgs/main/win-64::ca-certificates-2023.12.12-haa95532_0
openssl              pkgs/main/win-64::openssl-3.0.12-h2bbff1b_0
pip                  pkgs/main/win-64::pip-23.3.1-py39haa95532_0
python               pkgs/main/win-64::python-3.9.18-h1aa4202_0
setuptools           pkgs/main/win-64::setuptools-68.2.2-py39haa95532_0
sqlite               pkgs/main/win-64::sqlite-3.41.2-h2bbff1b_0
tzdata               pkgs/main/noarch::tzdata-2023d-h04d1e81_0
vc                   pkgs/main/win-64::vc-14.2-h21ff451_1
vs2015_runtime       pkgs/main/win-64::vs2015_runtime-14.27.29016-h5e58377_2
wheel                pkgs/main/win-64::wheel-0.41.2-py39haa95532_0

Proceed ([y]/n)? y
```

Cài đặt

```
C:\Windows\System32\cmd.exe

pip                pkgs/main/win-64::pip-23.3.1-py39haa95532_0
python            pkgs/main/win-64::python-3.9.18-h1aa4202_0
setuptools        pkgs/main/win-64::setuptools-68.2.2-py39haa95532_0
sqlite            pkgs/main/win-64::sqlite-3.41.2-h2bbff1b_0
tzdata            pkgs/main/noarch::tzdata-2023d-h04d1e81_0
vc                pkgs/main/win-64::vc-14.2-h21ff451_1
vs2015_runtime    pkgs/main/win-64::vs2015_runtime-14.27.29016-h5e58377_2
wheel             pkgs/main/win-64::wheel-0.41.2-py39haa95532_0

Proceed ([y]/n)?

Downloading and Extracting Packages

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate ai_class
#
# To deactivate an active environment, use
#
#     $ conda deactivate
```


Cài đặt các thư viện cần thiết

Select C:\Windows\System32\cmd.exe

```
setuptools      pkgs/main/win-64::setuptools-68.2.2-py39haa95532_0
sqlite          pkgs/main/win-64::sqlite-3.41.2-h2bbff1b_0
tzdata          pkgs/main/noarch::tzdata-2023d-h04d1e81_0
vc              pkgs/main/win-64::vc-14.2-h21ff451_1
vs2015_runtime  pkgs/main/win-64::vs2015_runtime-14.27.29016-h5e58377_2
wheel           pkgs/main/win-64::wheel-0.41.2-py39haa95532_0
```

Proceed ([y]/n)?

Downloading and Extracting Packages

Preparing transaction: done

Verifying transaction: done

Executing transaction: done

#

To activate this environment, use

#

\$ conda activate ai_class

#

To deactivate an active environment, use

#

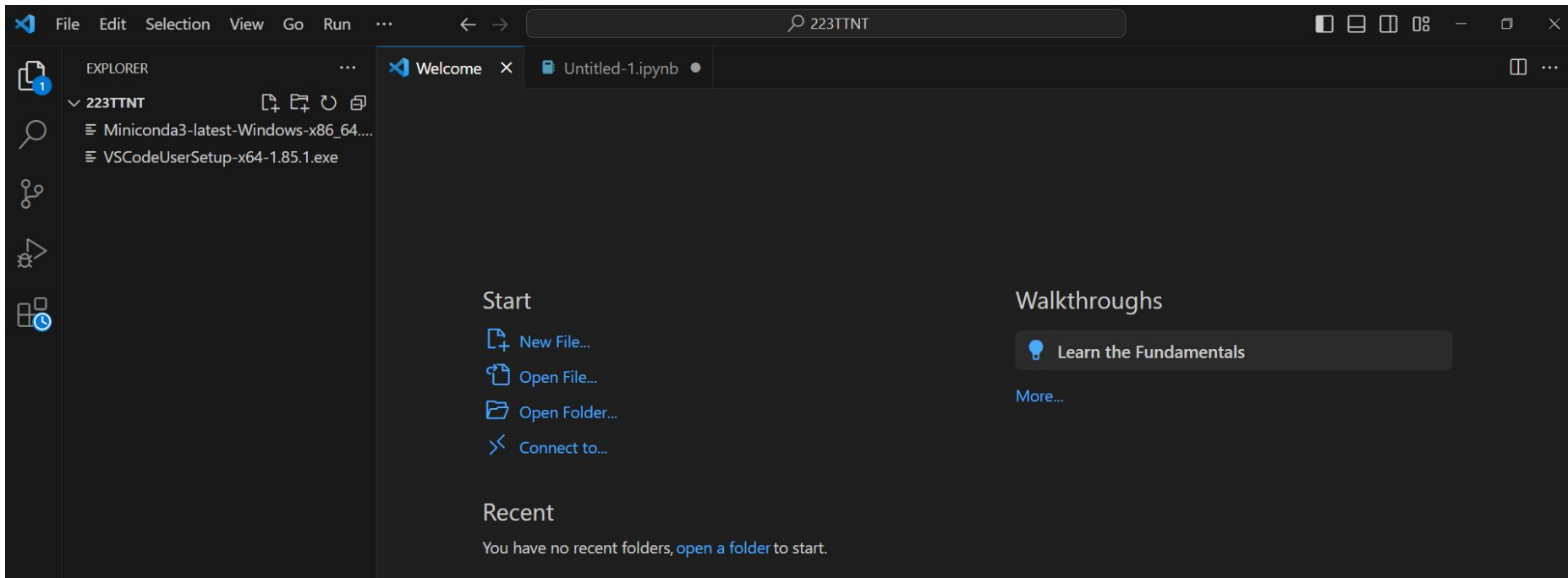
\$ conda deactivate

C:\Users\John\Desktop\SPKT\223TTNT>

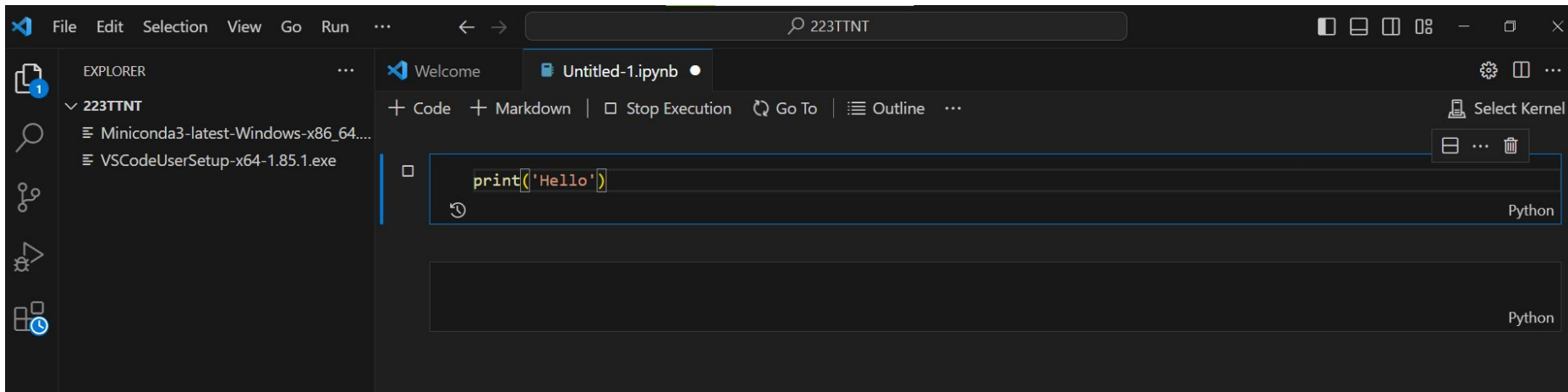
C:\Users\John\Desktop\SPKT\223TTNT>conda activate ai_class

(ai class) C:\Users\John\Desktop\SPKT\223TTNT>pip install scikit-learn scipy numpy pandas jupyterlab matplotlib

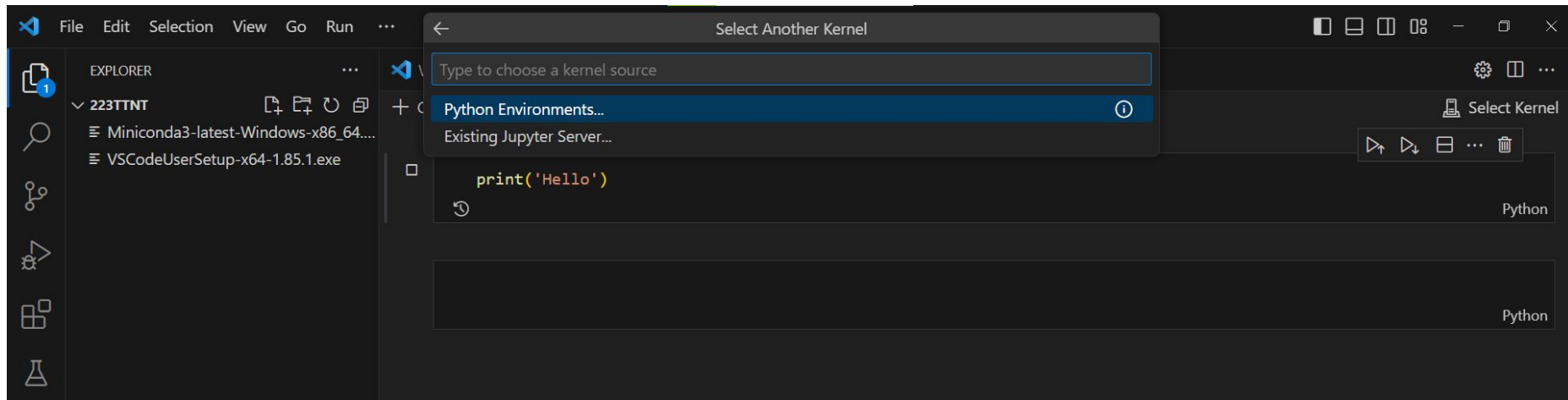
Tạo file ipynb



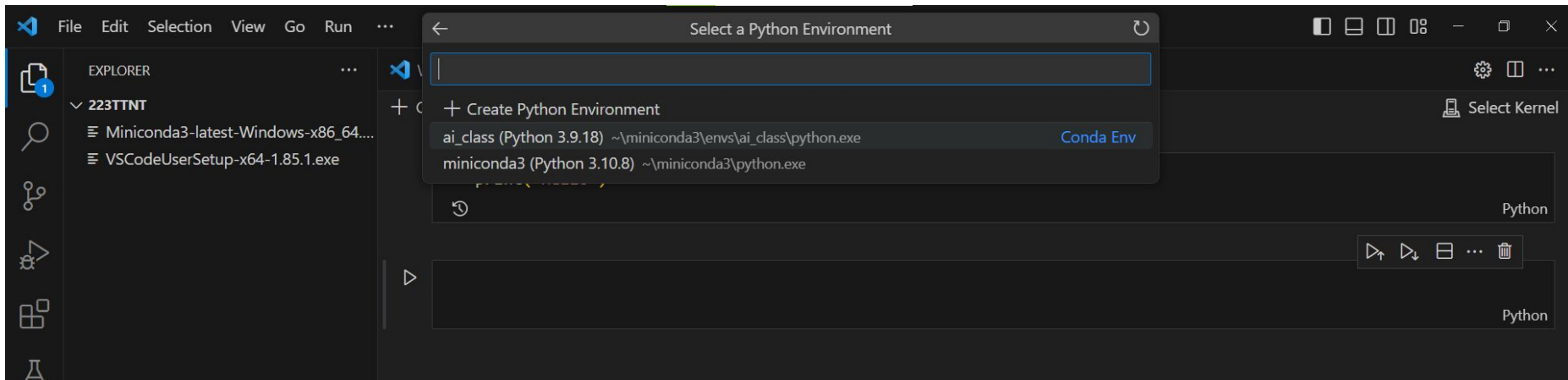
Tạo file ipynb



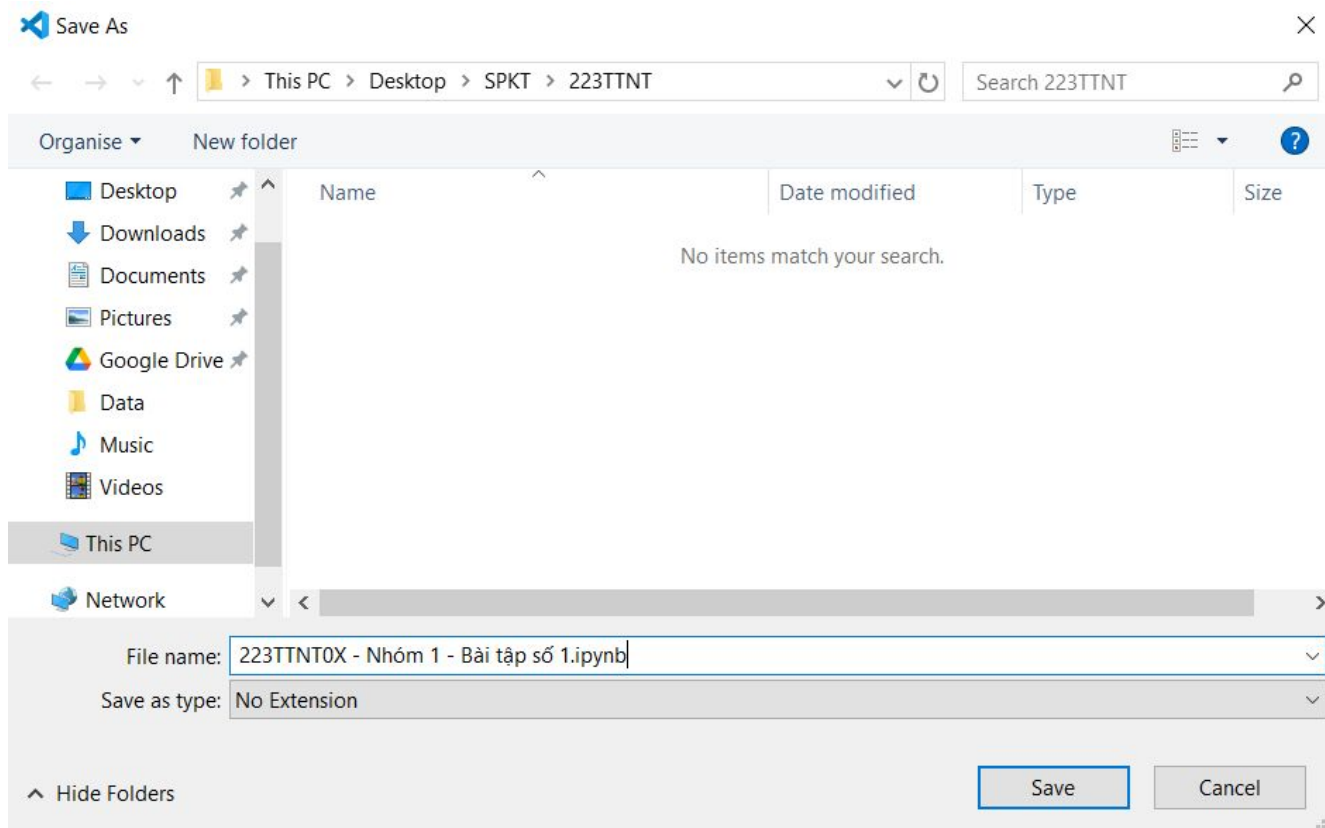
Lựa chọn environment để chạy file



Lựa chọn environment để chạy file



Lưu file ipynb



Ví dụ file ipynb

223TTNT

EXPLORER

- 223TTNT
- 223TTNT0X - Nhóm 1 - Bài tập số 1.ipynb
- Miniconda3-latest-Windows-x86_64.exe
- VSCoUserSetup-x64-1.85.1.exe

Welcome

223TTNT0X - Nhóm 1 - Bài tập số 1.ipynb •

223TTNT0X - Nhóm 1 - Bài tập số 1.ipynb > empty cell

+ Code + Markdown | ▶ Run All ↺ Restart ≡ Clear All Outputs | [x] Variables ≡ Outline ... | ai_class (Python 3.9.18)

```
a = 1
b = 2
print('result:', a+b)
```

[2] ✓ 0.0s Python

... result: 3

```
print('block 2 = ', a+b-5)
```

[3] ✓ 0.0s Python

... block 2 = -2

+ Code + Markdown

Python