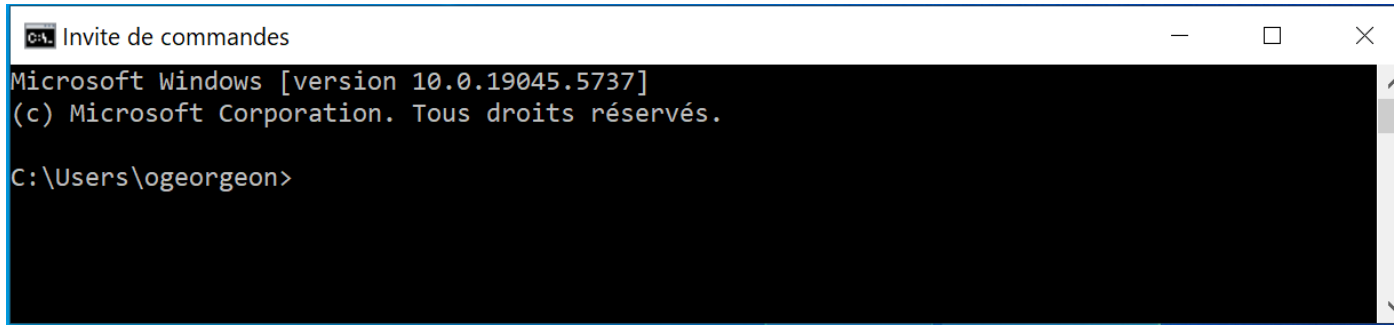


# *Teleoperate PetitCat Lab*

Olivier Georgeon

# Open the terminal

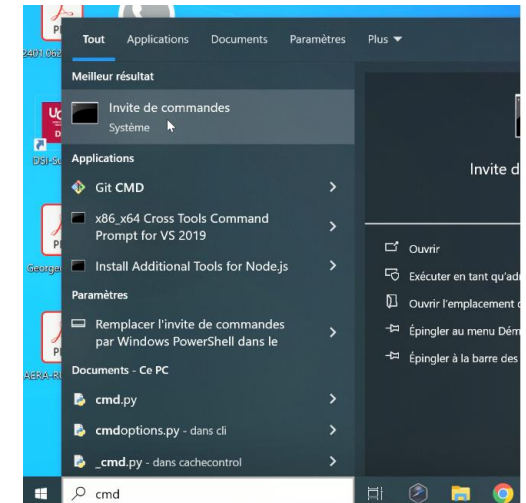
Open a terminal window:



```
Microsoft Windows [version 10.0.19045.5737]
(c) Microsoft Corporation. Tous droits réservés.

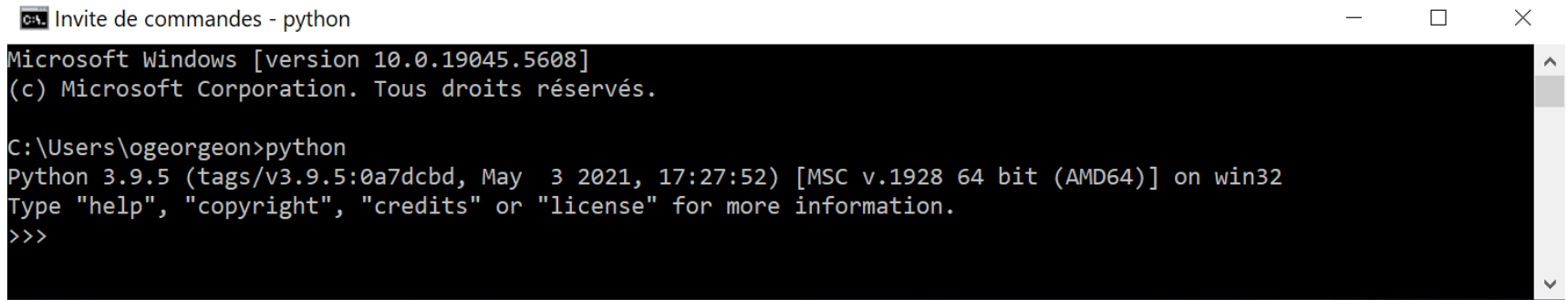
C:\Users\ogeargeon>
```

- MS Windows: type « cmd »
- MacOS: « terminal icon » in finder



# Python installation

- In the terminal type:
  - `python`



```
Microsoft Windows [version 10.0.19045.5608]
(c) Microsoft Corporation. Tous droits réservés.

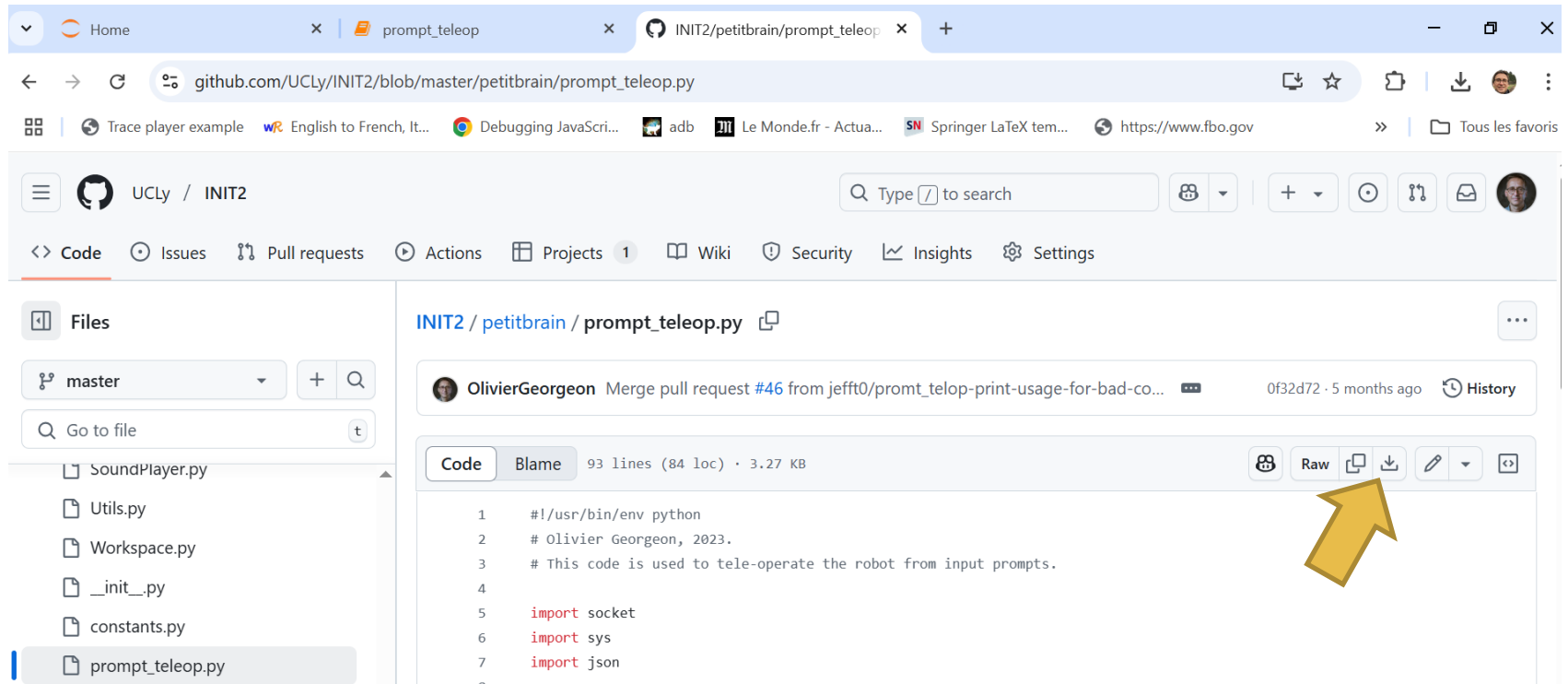
C:\Users\ogergeon>python
Python 3.9.5 (tags/v3.9.5:0a7dcdb, May 3 2021, 17:27:52) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

- To exit python, type :
  - `Ctrl + Z , Enter`

# Download prompt\_teleop.py

[https://github.com/UCLy/INIT2/blob/master/petitbrain/prompt\\_teleop.py](https://github.com/UCLy/INIT2/blob/master/petitbrain/prompt_teleop.py)

Click download



The screenshot shows a web browser displaying the GitHub repository page for `prompt_teleop.py` within the `UCLy / INIT2` repository. The browser's address bar shows the URL `github.com/UCLy/INIT2/blob/master/petitbrain/prompt_teleop.py`. The repository's navigation bar includes links for `Code`, `Issues`, `Pull requests`, `Actions`, `Projects`, `Wiki`, `Security`, `Insights`, and `Settings`. On the left, a file explorer shows the repository structure, with `prompt_teleop.py` selected. The main content area displays the file's commit history, showing a merge by `OlivierGeorgon` 5 months ago. Below this, the file's metadata indicates it is 93 lines (84 loc) and 3.27 KB. The `Code` tab is active, showing the Python code. A yellow arrow points to the `Raw` button in the top right corner of the code viewer, which is used to download the file.

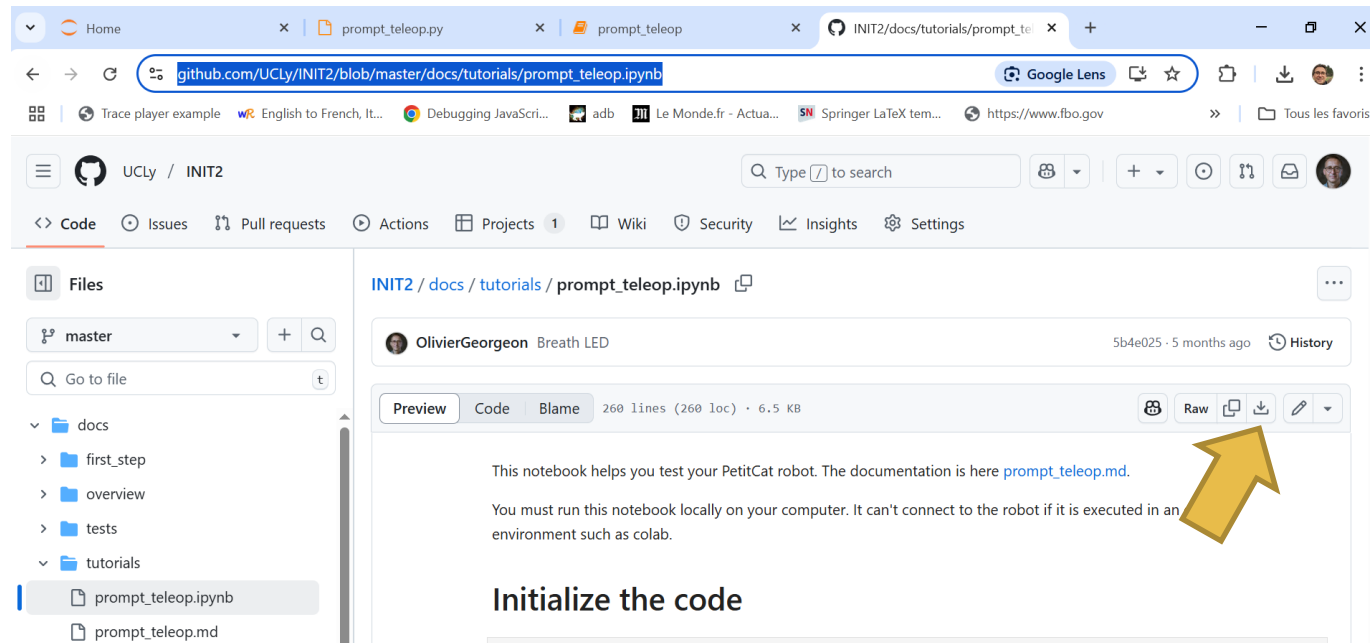
```
1  #!/usr/bin/env python
2  # Olivier Georgeon, 2023.
3  # This code is used to tele-operate the robot from input prompts.
4
5  import socket
6  import sys
7  import json
```

# Download prompt\_teleop.ipynb

[https://github.com/UCLy/INIT2/blob/master/docs/tutorials/prompt\\_teleop.ipynb](https://github.com/UCLy/INIT2/blob/master/docs/tutorials/prompt_teleop.ipynb)

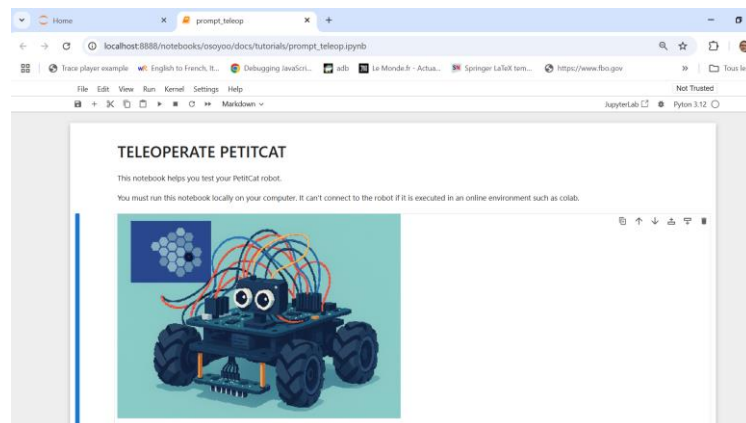
Click download

Save the file in a directory of your choice « project »



# Jupyter Notebook installation

- To install jupyter, type:
  - `pip install jupyter`
- Open the notebook :
  - Navigate to your chosen « project » directory
  - In the terminal, type:
  - `jupyter notebook`



# Teleoperate the robot

- Connect to WIFI
  - SSID: BSN
  - Password: BSNgoodlife
- Follow the instructions in the notebook