The Server for JupyterHub

- Handbook -

Server Info:

Software
Python version: 3
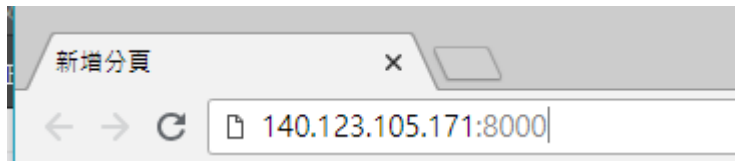Machine learning framework: TensorFlow
Neural networks API: Keras

Login

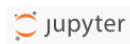Open your browser and key in 140.123.105.171:8000
Or open this link: http://140.123.105.171:8000

You will see the login interface.

Enter your account and password.

How to use it?

After you sign in, you can see a Homepage.
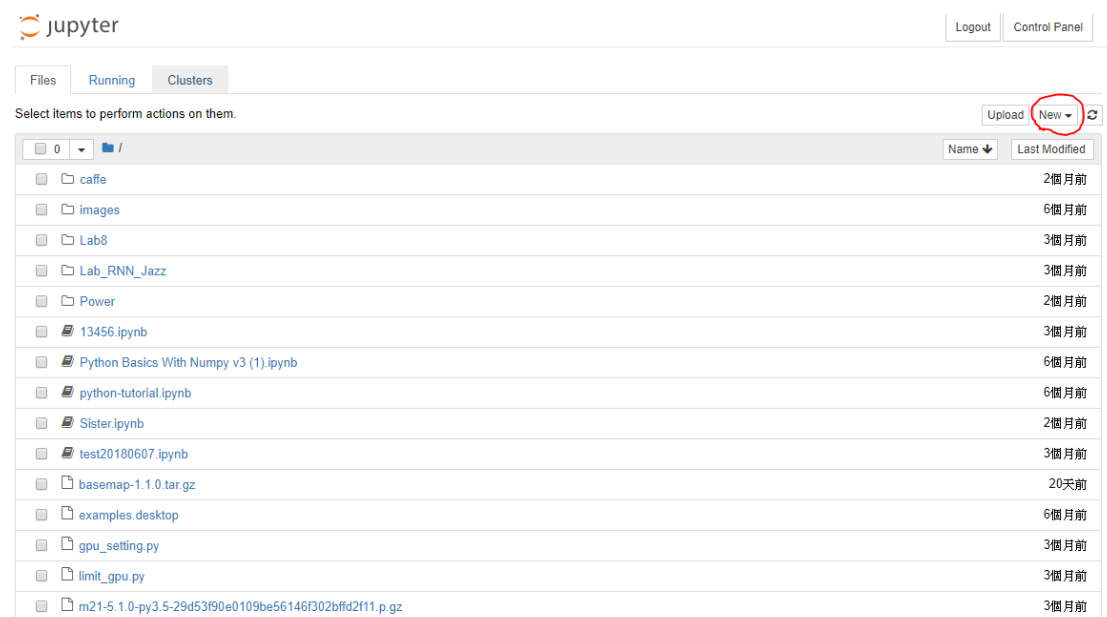
How to create a python program?

Click the **New** button which has a red circle.

It has a list include

➢ Notebook: Python3

➢ Other: Text File, Folder, Terminal

Click the **Python3** button to create a coding page.

In the coding page, you can see like this
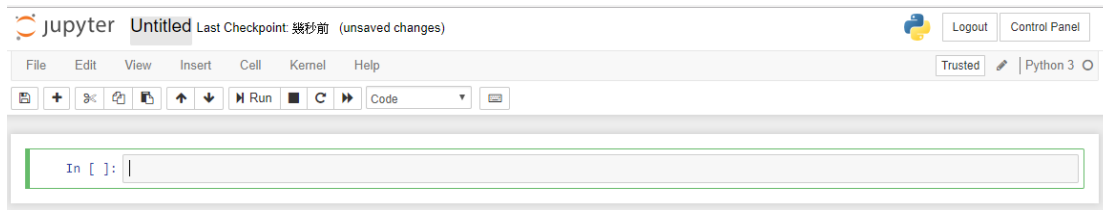
And you can write your program!

Oh! Please look here!
Our server use python3, please use the library and function for Python3.
Thanks!

Rename your program

On the bottom of coding page, you can see your programs name.
If you don't rename it, it will use default title.

Click it to rename your program

After you rename it, don't forget to click the Rename button.

The title already changed!

About toolbox

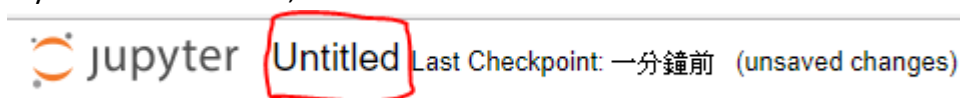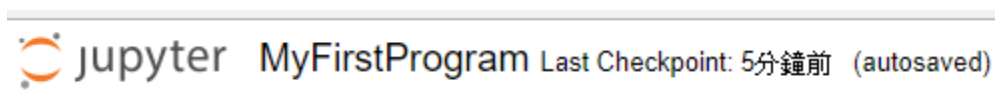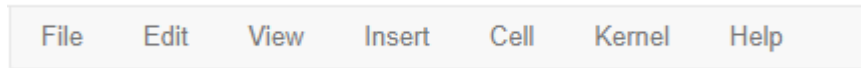Jupyter has toolbox for some fucntions.

We give you some simple examples, if you want to know more, you can go to Jupyter's website or click the link below.

Jupyter Notebook doc: https://jupyter-notebook.readthedocs.io/en/stable/examples/Notebook/What%20is%20the%20Jupyter%20Notebook.html

Download your file

Click the **File** button, you can see a list.
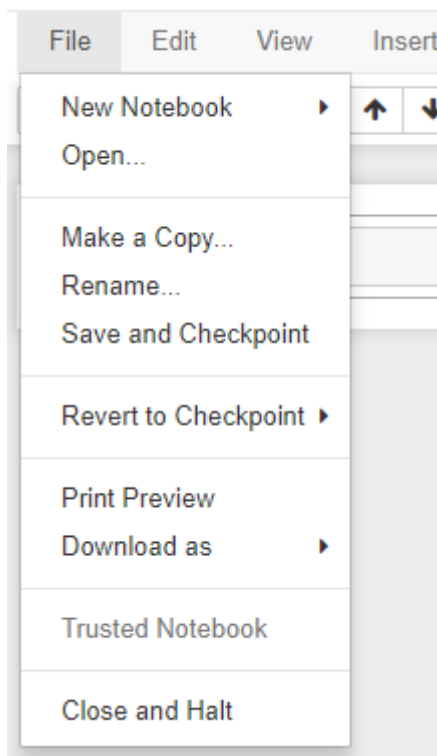
Click **Download as** to choose your file.
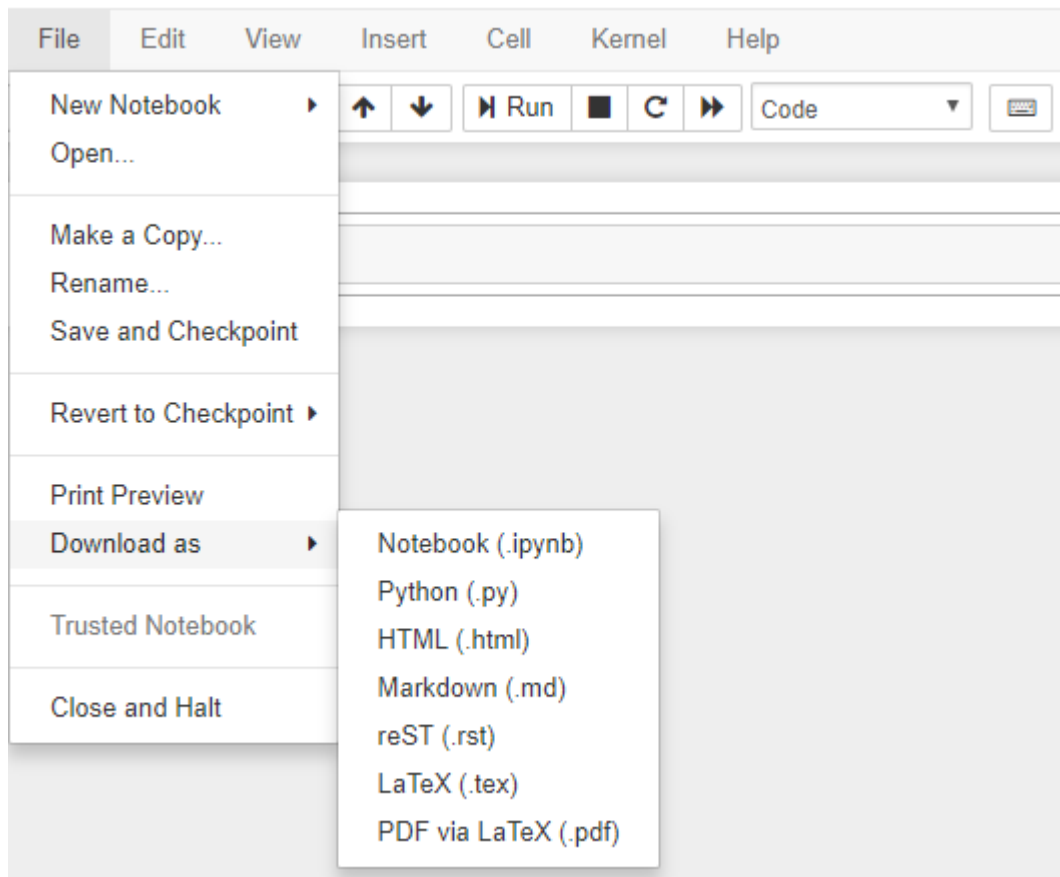
- If you want to download as python program please choose Python (.py).
- If you want to download as notebook program please choose Notebook (.ipynb)

Common function

Create a new cell

If you want to create a new cell, you can click the button ➕ .

Or use Shift + Enter

You can see more detail and teach in Jupyter document.
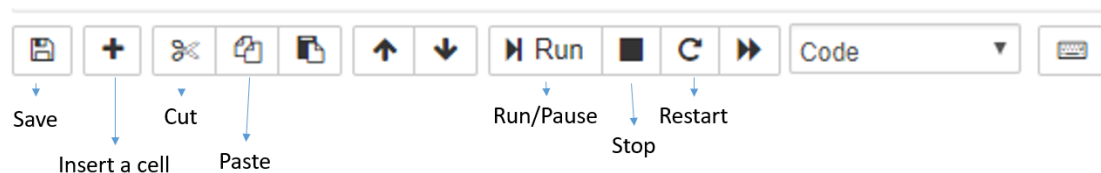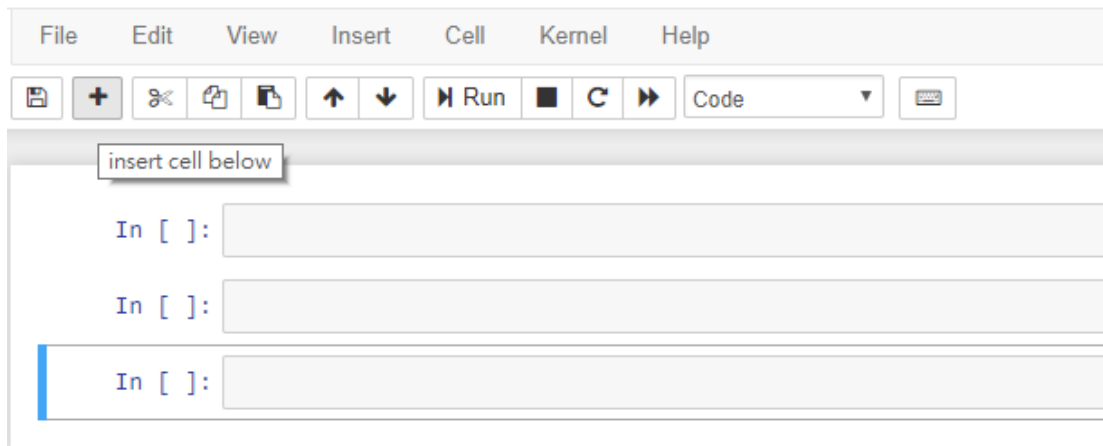
Jupyter NoteBook ➔ Docs ➔ Notebook Examples ➔ Notebook Basics

Link: https://jupyter-notebook.readthedocs.io/en/stable/examples/Notebook/Notebook%20Basics.html
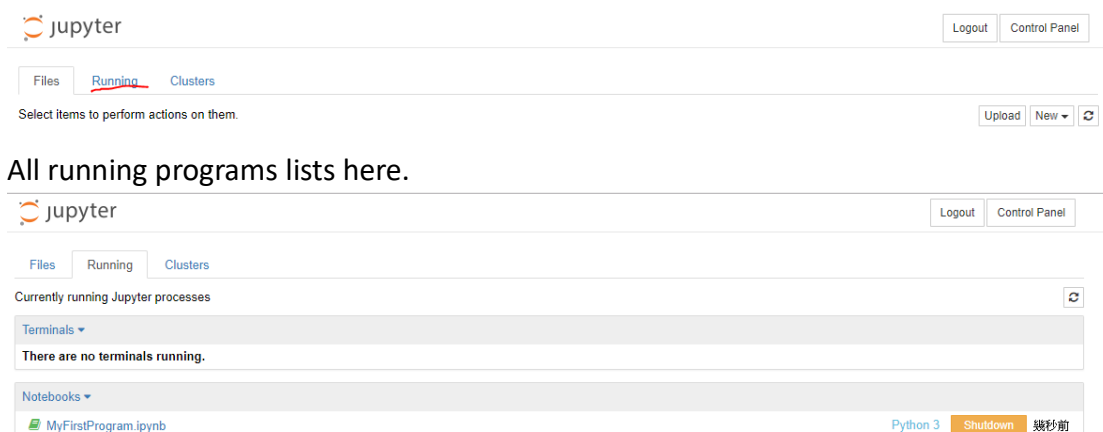
***Important**

After you finished running your program, you must shutdown the program!!!

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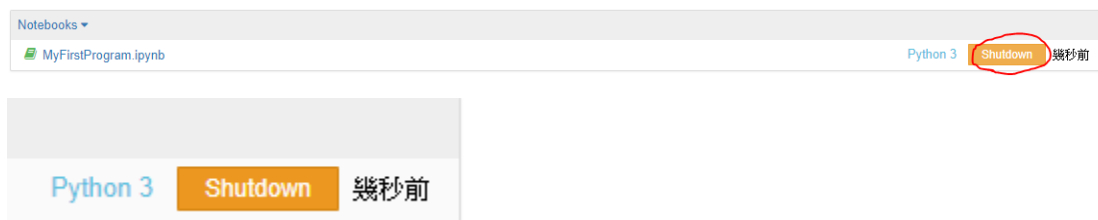
After you finished running your program, you must shutdown the program!!!

How to shut down?

Go to Homepage and you can see Running.

All running programs lists here.

Click ShutDown to stop your program.

Why do you need to shut down your program after running it?
When you close the coding page after you run your program, the program still occupies memory and space.

If you didn't shut down it, other users would get smaller memory and GPU computing resource.

You must shutdown it after you finished your programs.
Thanks!

How to build Jupyter NoteBook on your machine?

You can click the links below for information.
https://jupyter.readthedocs.io/en/latest/install.html