Start programming

2025/Sep/2nd

N. Kawakami

This document is to anyway start programming in Python.

There are much things to learn in programming, but one of the largest barrier is to start it.
Anyway, download "Anaconda" following this document.
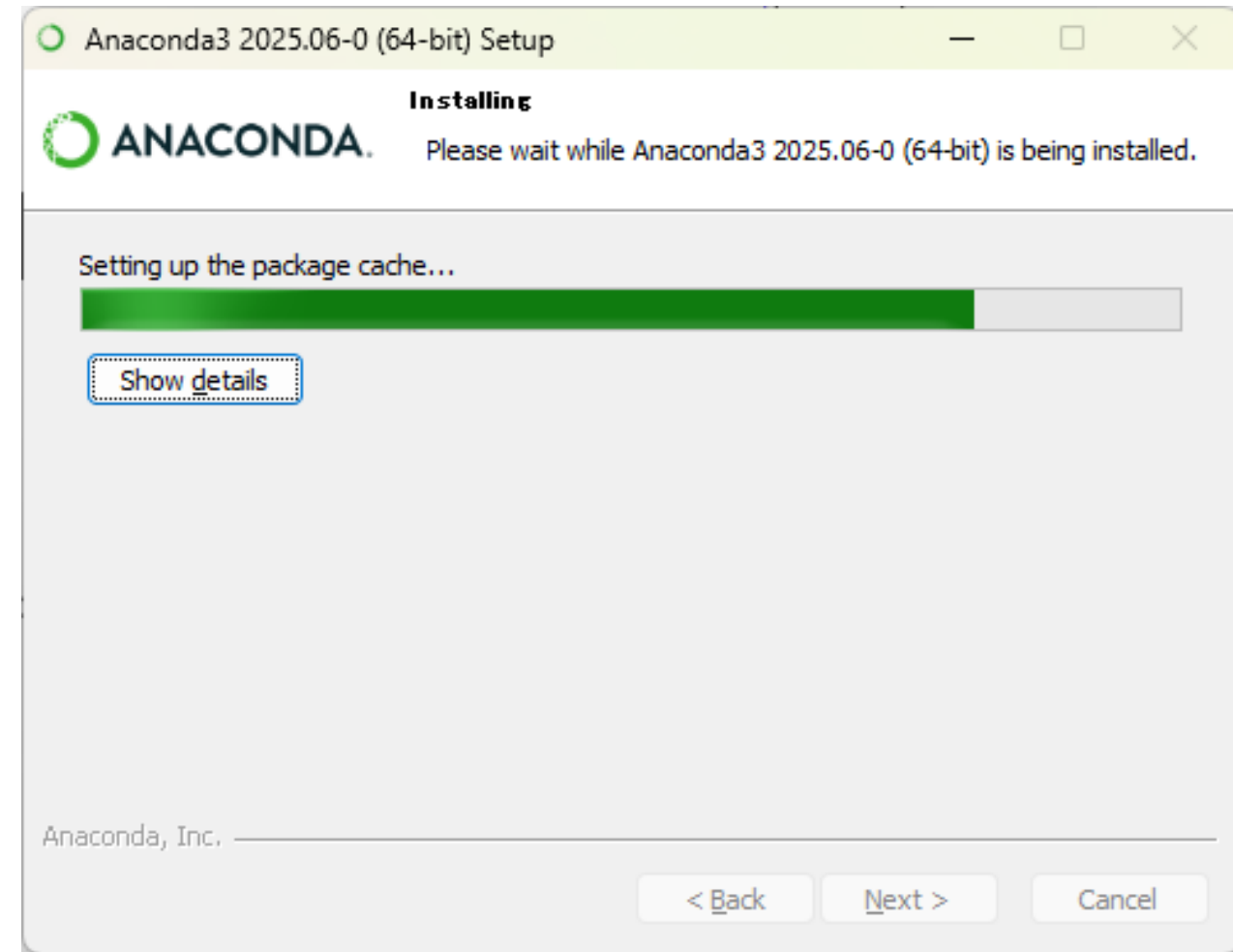In believe this is the easiest in start programming.

Then, try running example programs "basic_python.ipynb" and "Image_operation_test.ipynb".
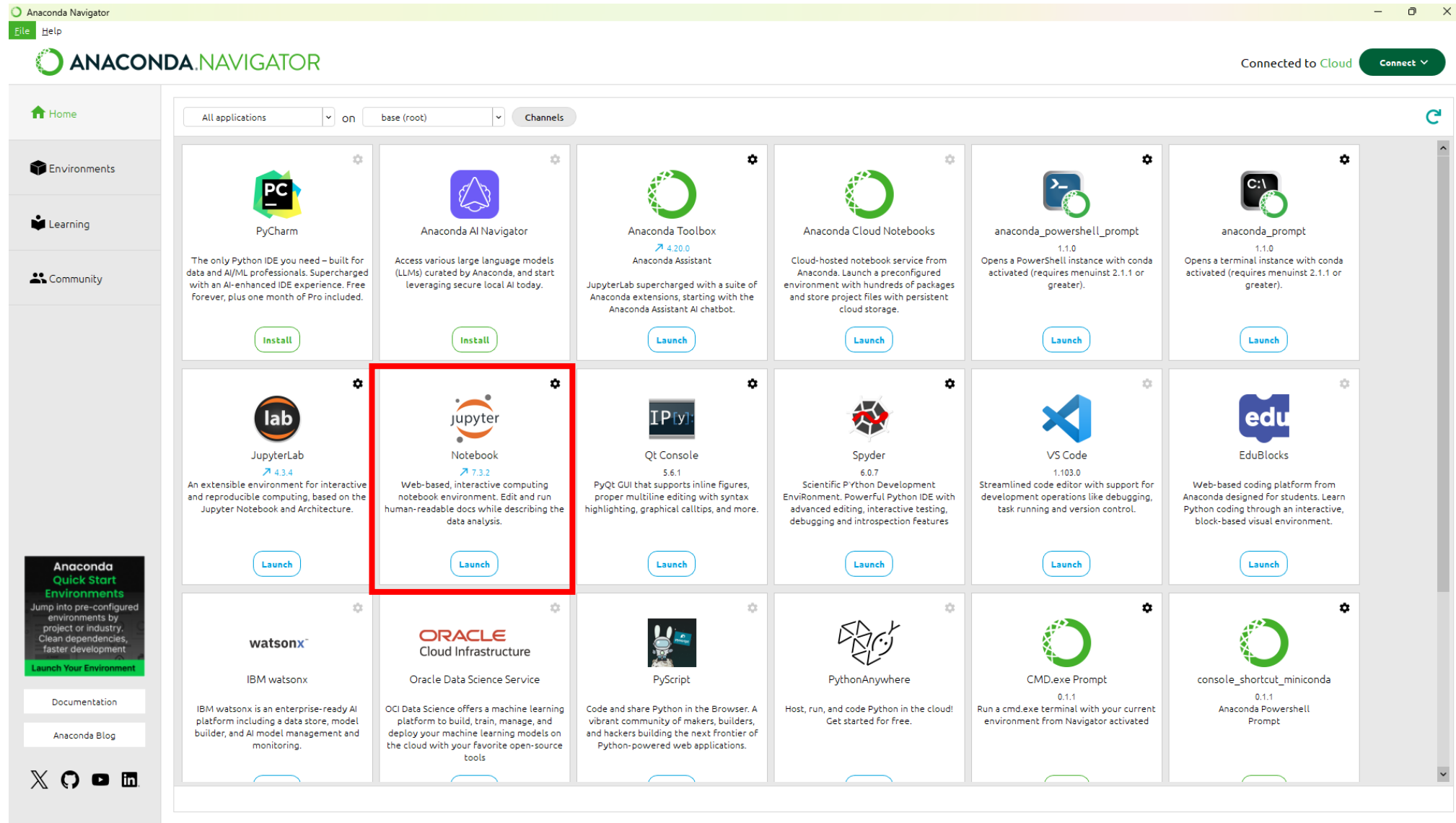
After getting the idea of very basic in programming, I believe you can start your own coding with the help of internet or AI.
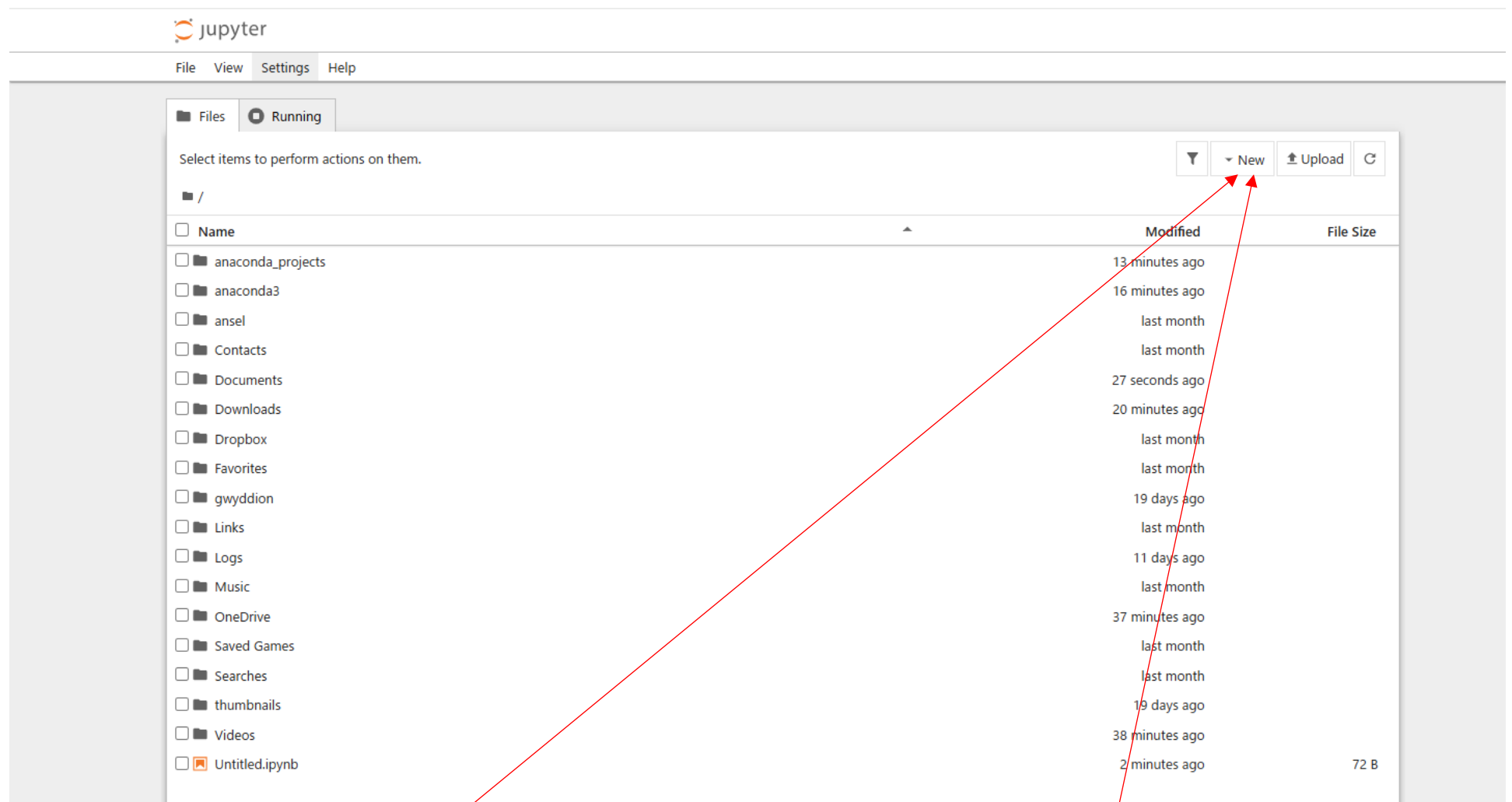
Download Anaconda
Run the downloaded .exe file
Start setup. Just press "Next".

After installation, you can find "Anaconda Navigator". Open "Jupyter Notebook"

The list of folders and files opens.
Choose a folder where you want to save the file. If necessary, create new folder from "New"

Then create a "Python" file from "New". There may be several Python something, but anything is OK.
You can change it later.

Coding window

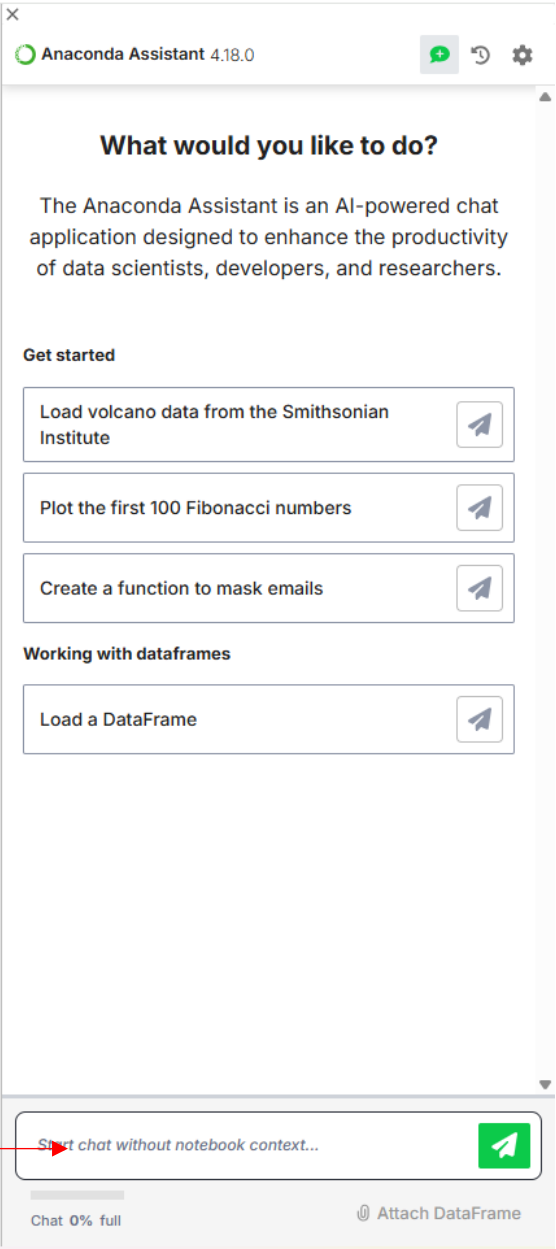Name of the file

Run a program in the cell

Choosing cell type

Cell for coding or commenting

Add a cell

Ask AI

Write codes on "code" cell.
Then, "run" to run the program.
If other cell is necessary, add you can add other cells.
In "Markdown" cell, you can leave a comment.

	Good	Bad
Anaconda	Easy installation Easy handling in version management	Minor modules are not supported Less support in coding (such as coding suggestion)
VScode	Various supporting modules Good collaboration with Github.	Complicated preparation in environments. Difficulty in version management

Now you can start programing.
If you have my example codes (basic_python.ipynb and image_operation_test.ipynb), try run it.

In this document, I introduce to use "Anaconda" as it is the easiest to start coding.
However, there are many other possible platforms, and each platform has their own advantages.
For example, I'm using VScode.
If you are interested in, you can try other platforms in the future.
Just for starting programming, Anaconda is enough.