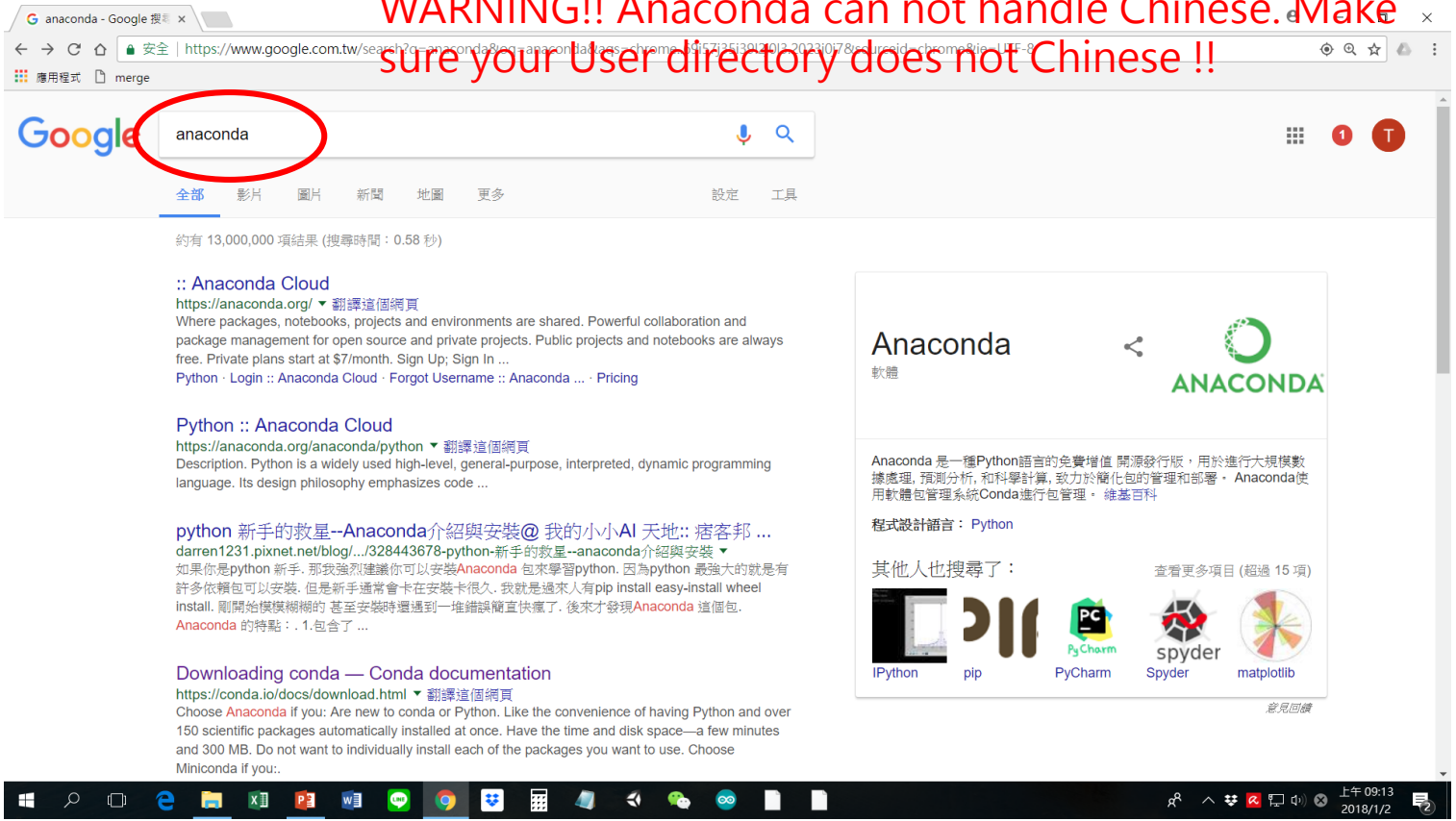
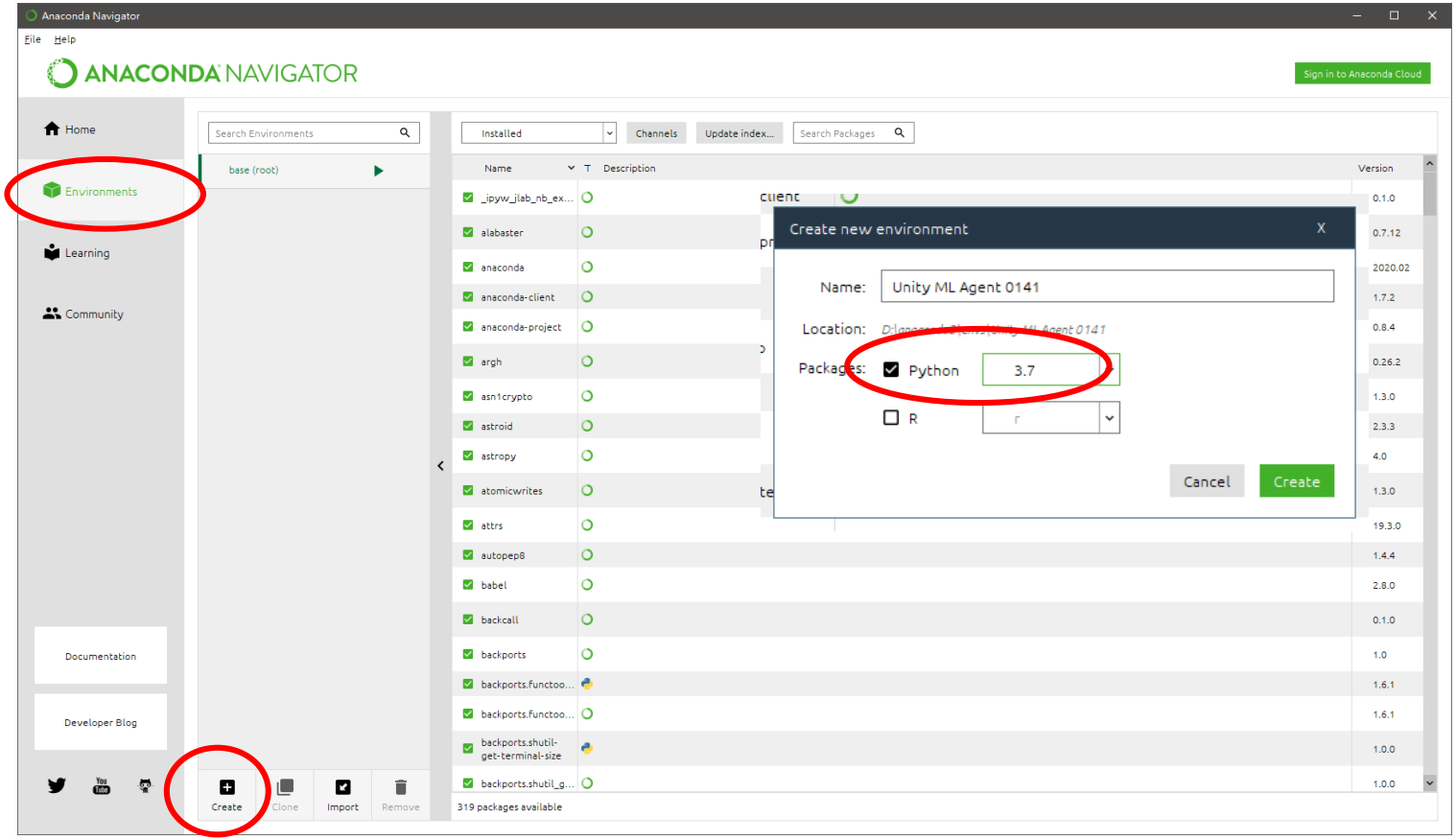
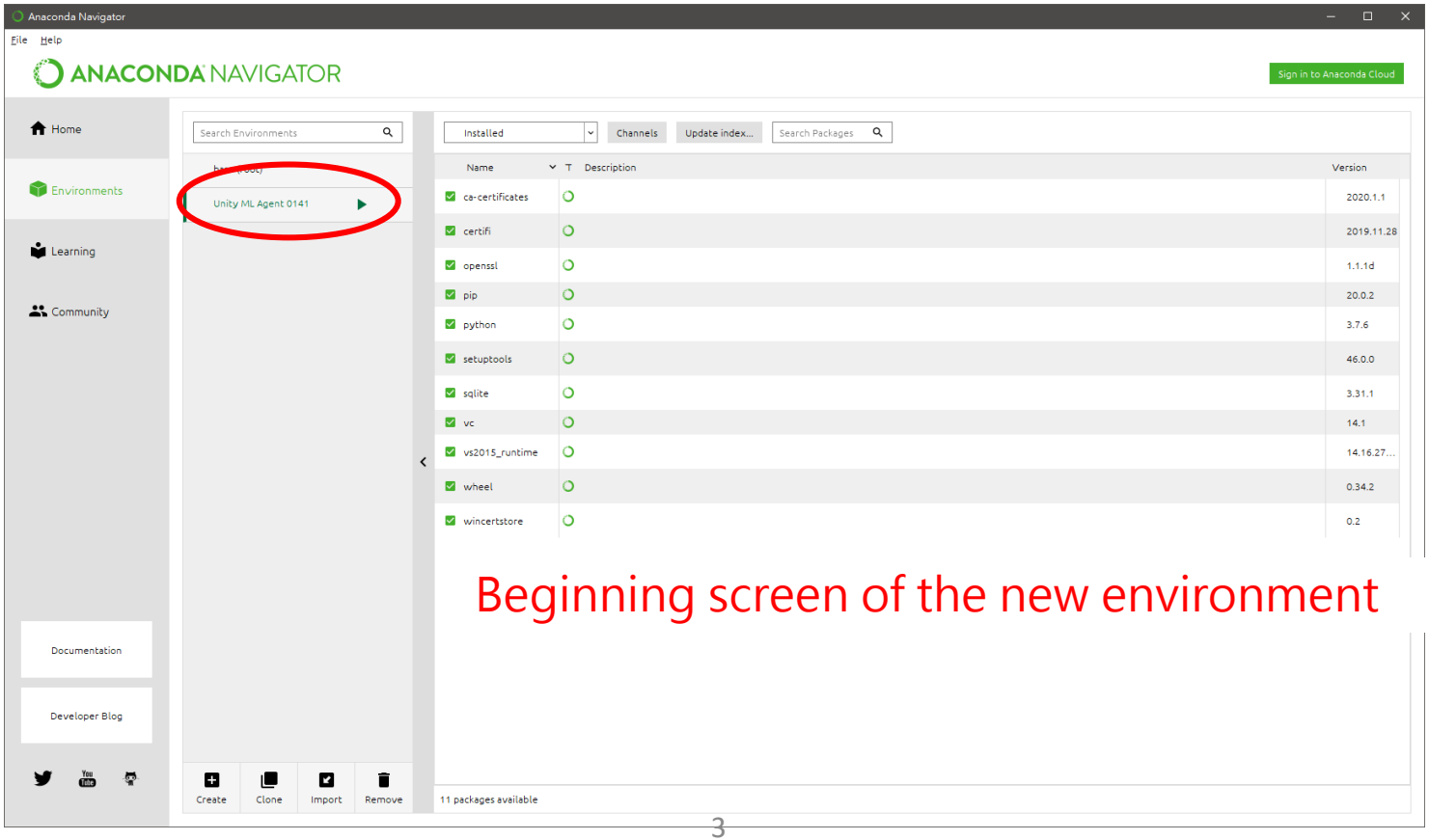
1. Download and install Anaconda



2. Create an environment

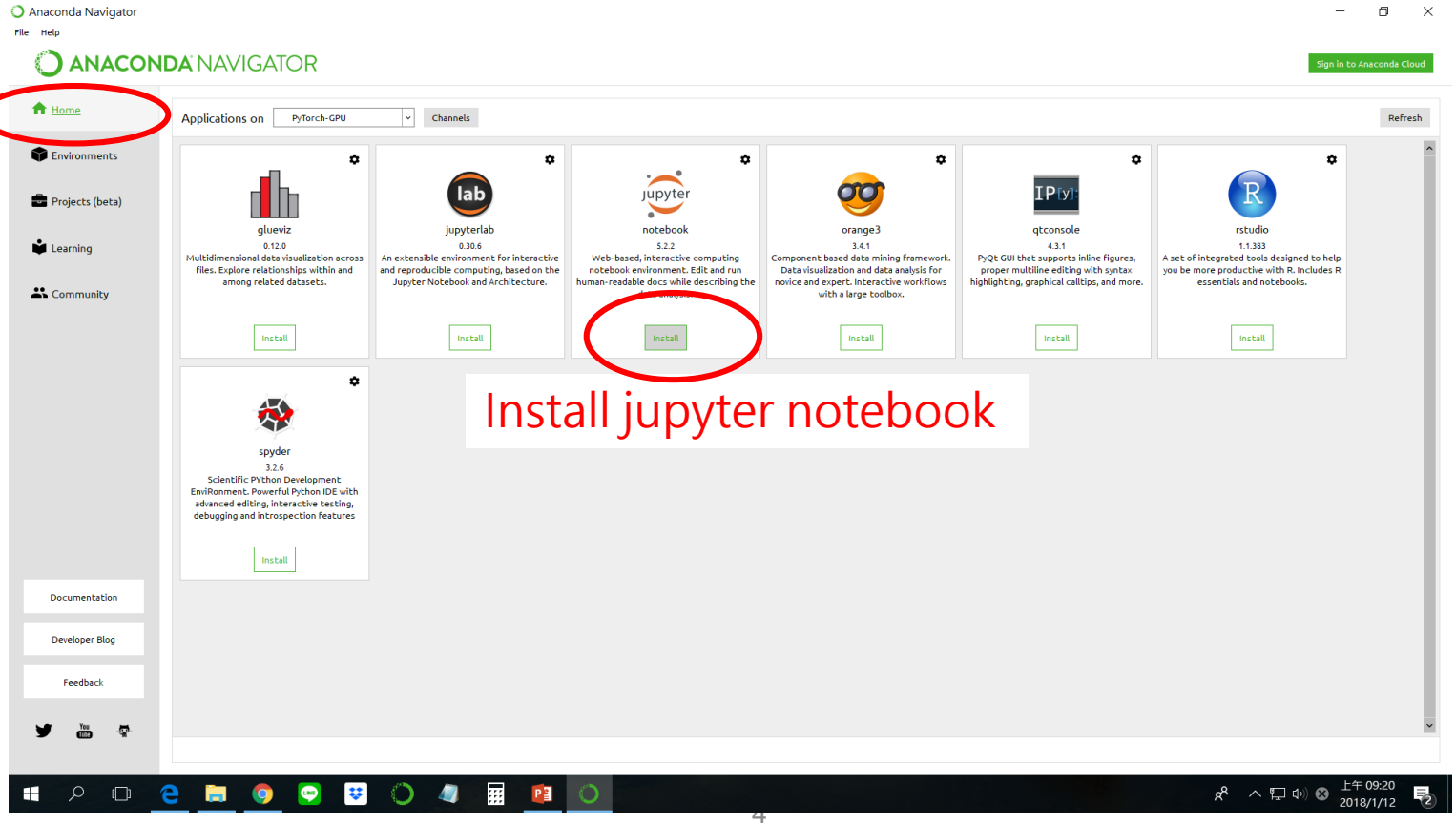


2. Create an environment

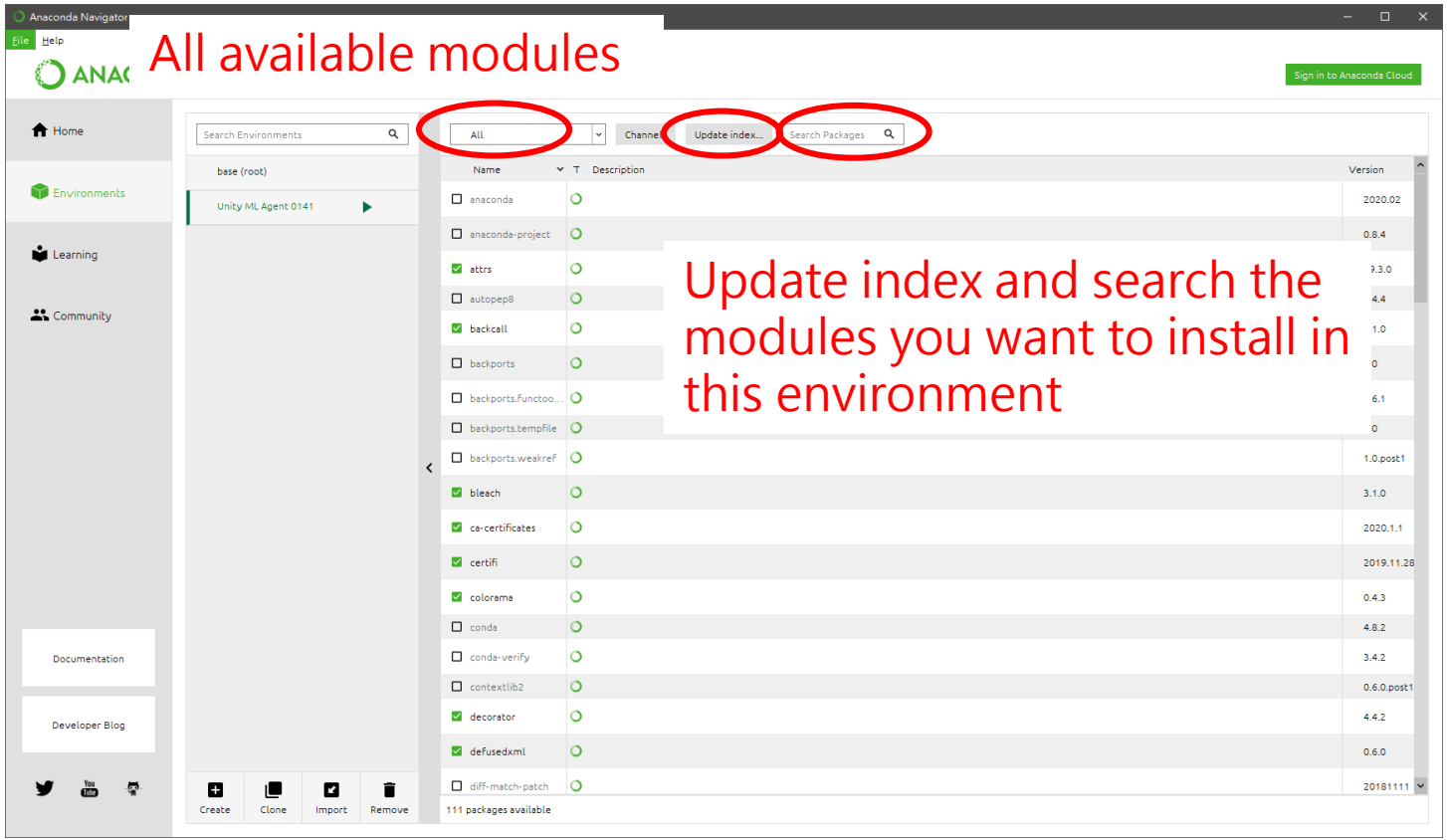


Beginning screen of the new environment

3. Install Jupyter notebook



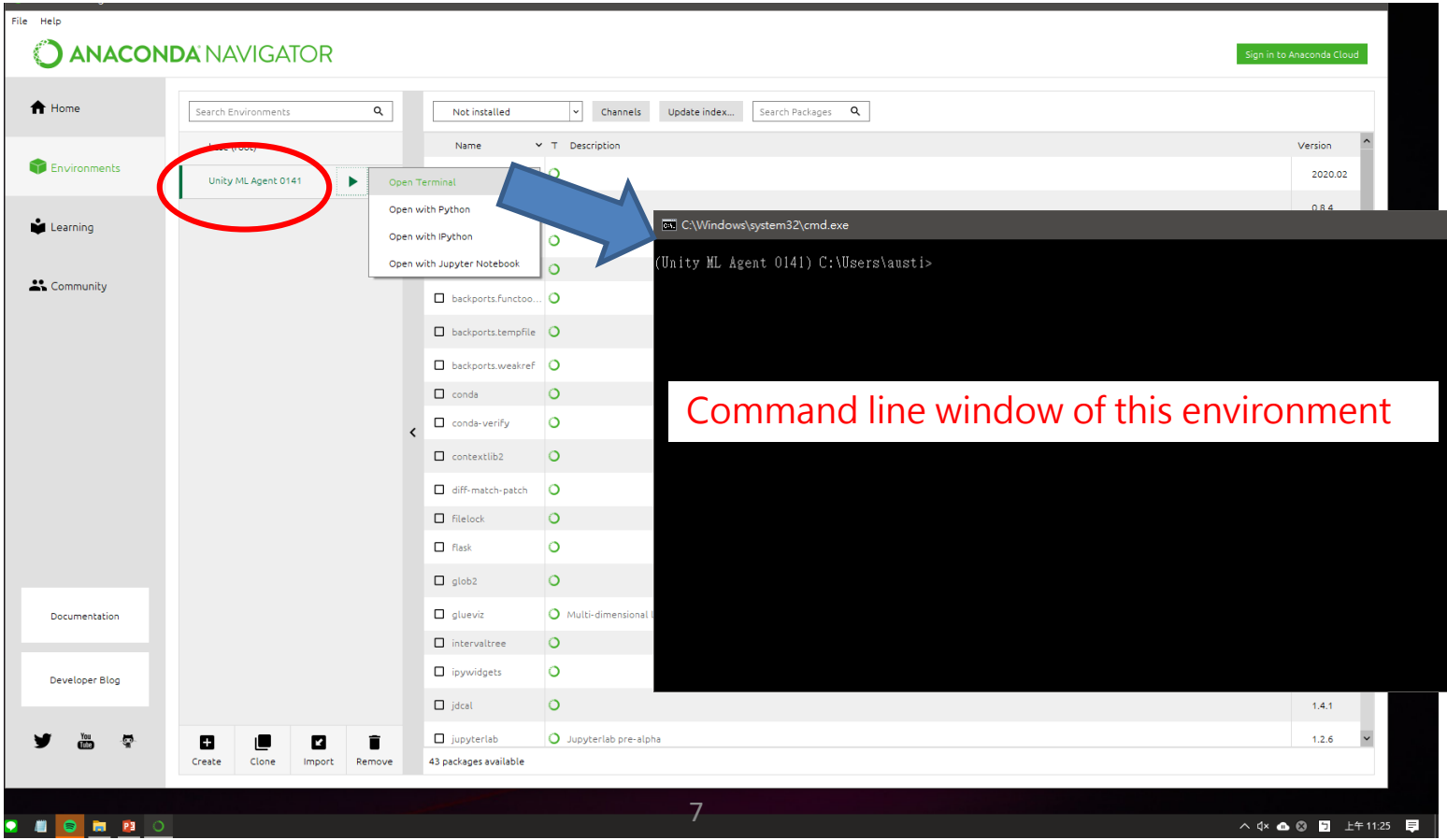
4. Install python modules



4. Install python modules

numpy	Array processing for numbers, strings, records, and objects
pandas	powerful python data analysis toolkit
matplotlib	python 2d plotting library
scikit-learn	set of python modules for machine learning and data mining
pyyaml	Yaml parser and emitter for python
opencv	Computer vision and machine learning software library (pip install opencv-python)
cudatoolkit	
cudnn	Nvidia’s deep neural network acceleration library
cython	Complier for writing c extensions for the python language

5. Install python modules through command window



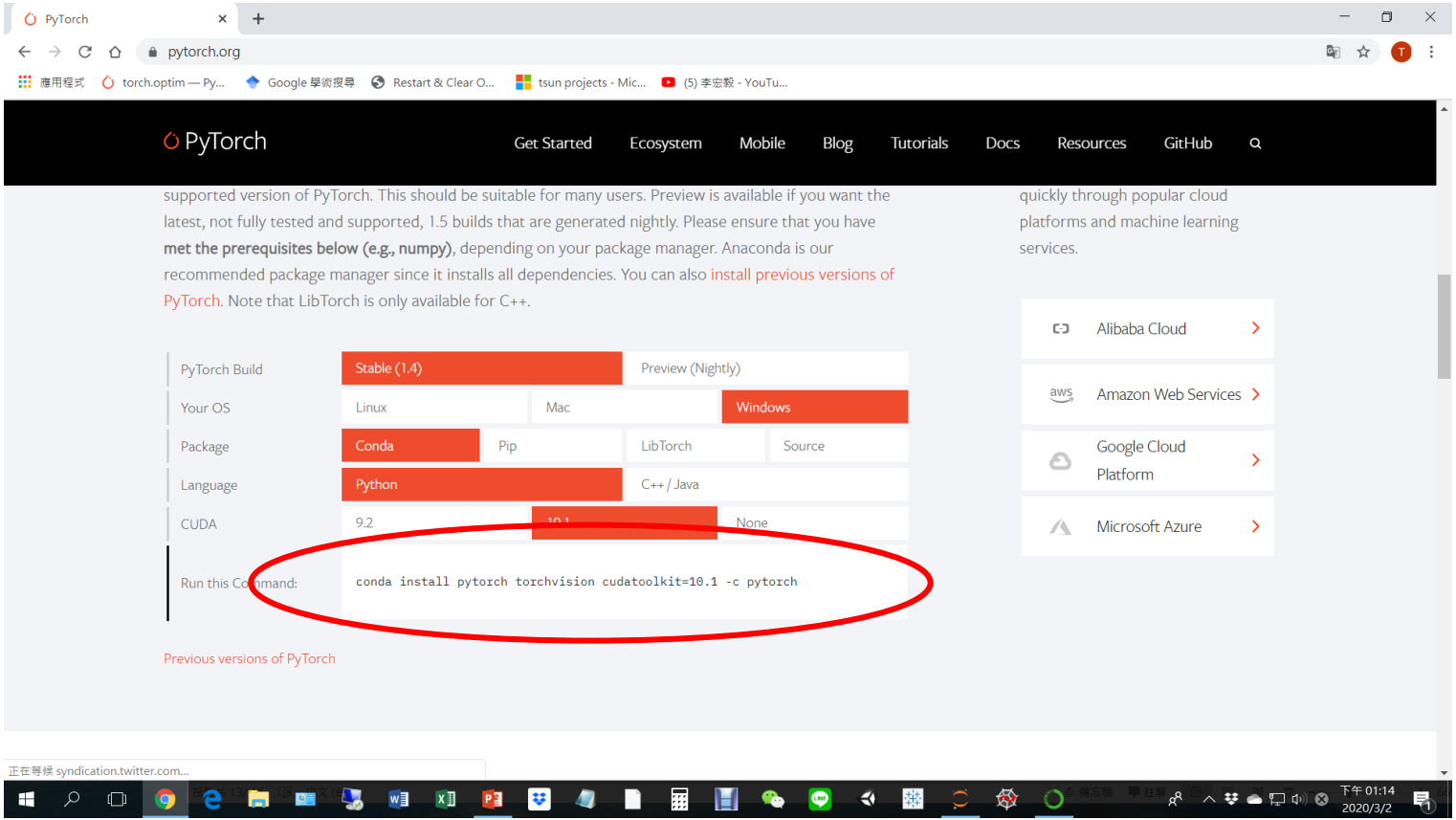
5. Install python modules through command window

conda install

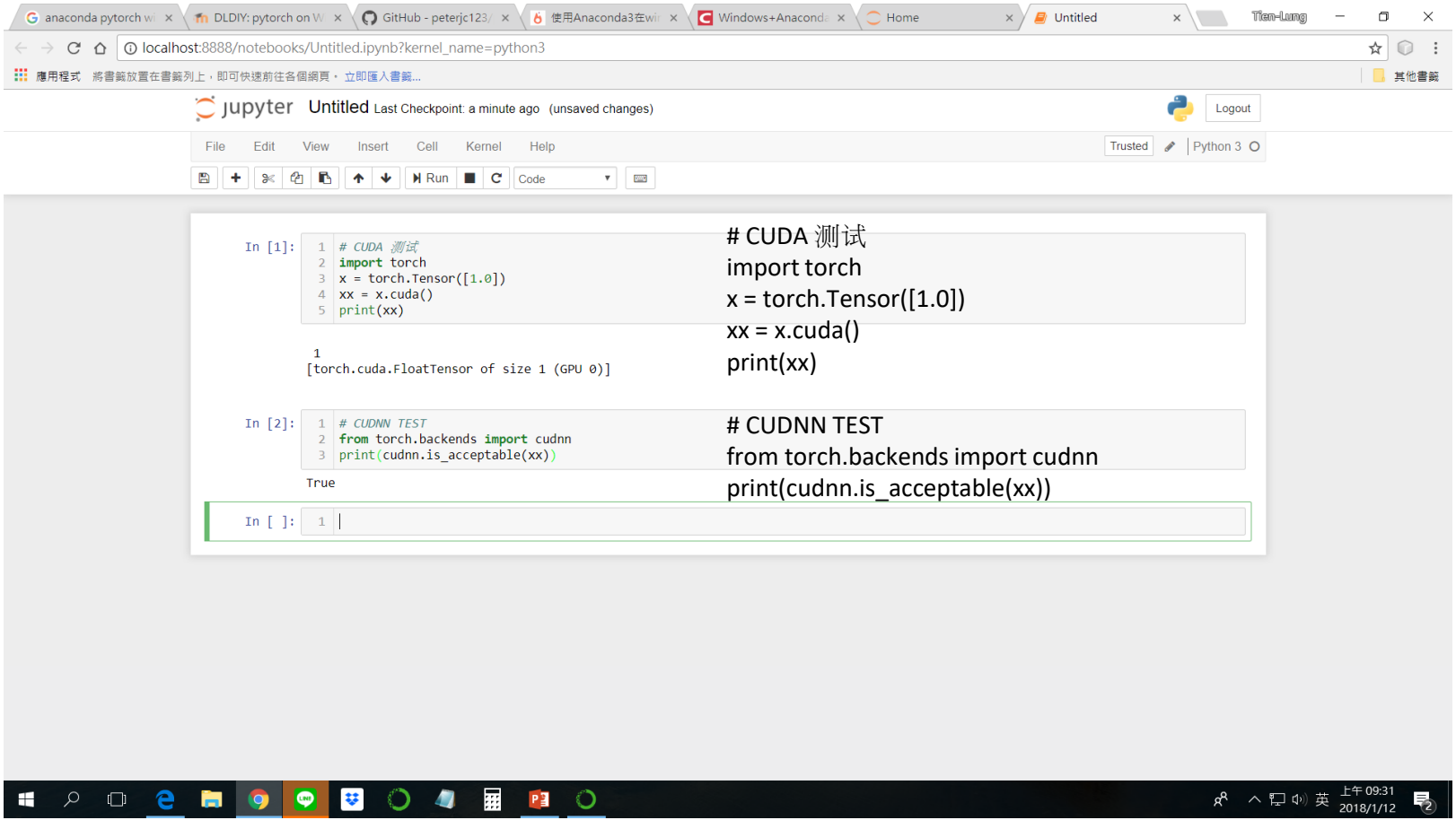
Proceed (y/n) ➔ Type ‘y’

PyTorch, Torchvision	**conda install pytorch torchvision cudatoolkit=10.1 -c pytorch**
Torchsummary	pip install torchsummary

pytorch.org


PyTorch
pytorch.org
PyTorch
Get Started
Ecosystem
Mobile
Blog
Tutorials
Docs
Resources
GitHub
supported version of PyTorch. This should be suitable for many users. Preview is available if you want the latest, not fully tested and supported, 1.5 builds that are generated nightly. Please ensure that you have met the prerequisites below (e.g., numpy), depending on your package manager. Anaconda is our recommended package manager since it installs all dependencies. You can also install previous versions of PyTorch. Note that LibTorch is only available for C++.
quickly through popular cloud platforms and machine learning services.
PyTorch Build
Stable (1.4)
Preview (Nightly)
Your OS
Linux
Mac
Windows
Package
Conda
Pip
LibTorch
Source
Language
Python
C++ / Java
CUDA
9.2
None
Run this Command:
conda install pytorch torchvision cudatoolkit=10.1 -c pytorch
Alibaba Cloud
Amazon Web Services
Google Cloud Platform
Microsoft Azure
Previous versions of PyTorch
正在等候 syndication.twitter.com...

6. Cuda test




```
# CUDA 测试
import torch
x = torch.Tensor([1.0])
xx = x.cuda()
print(xx)

# CUDNN TEST
from torch.backends import cudnn
print(cudnn.is_acceptable(xx))
```