

a guide to
environment preparation

[python environment for simple numerical quantum mechanics]

Ahn, Seongjin
MPQ / DGIST / MPK

2 Steps

Install Miniconda (python environment)

Install python modules

Test Jupyter Notebook

Install Miniconda

Download Miniconda

From here: [CLICK ME](#)

Or you can search 'miniconda' from Google and find the download link

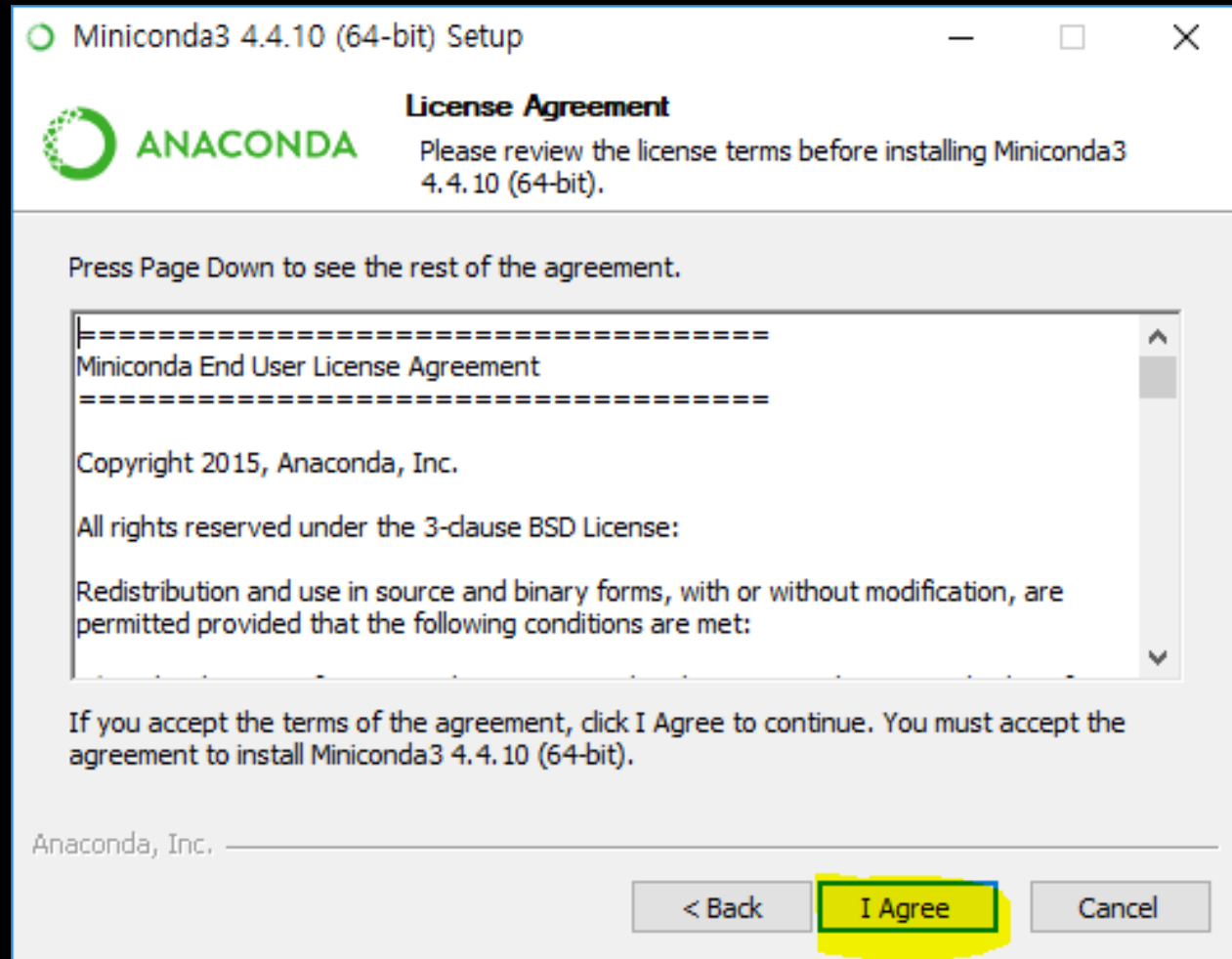
Miniconda 			
	 Windows	 Mac OS X	 Linux
Python 3.6	64-bit (exe installer)	64-bit (bash installer)	64-bit (bash installer)
	32-bit (exe installer)		32-bit (bash installer)
Python 2.7	64-bit (exe installer)	64-bit (bash installer)	64-bit (bash installer)
	32-bit (exe installer)		32-bit (bash installer)

Install Miniconda

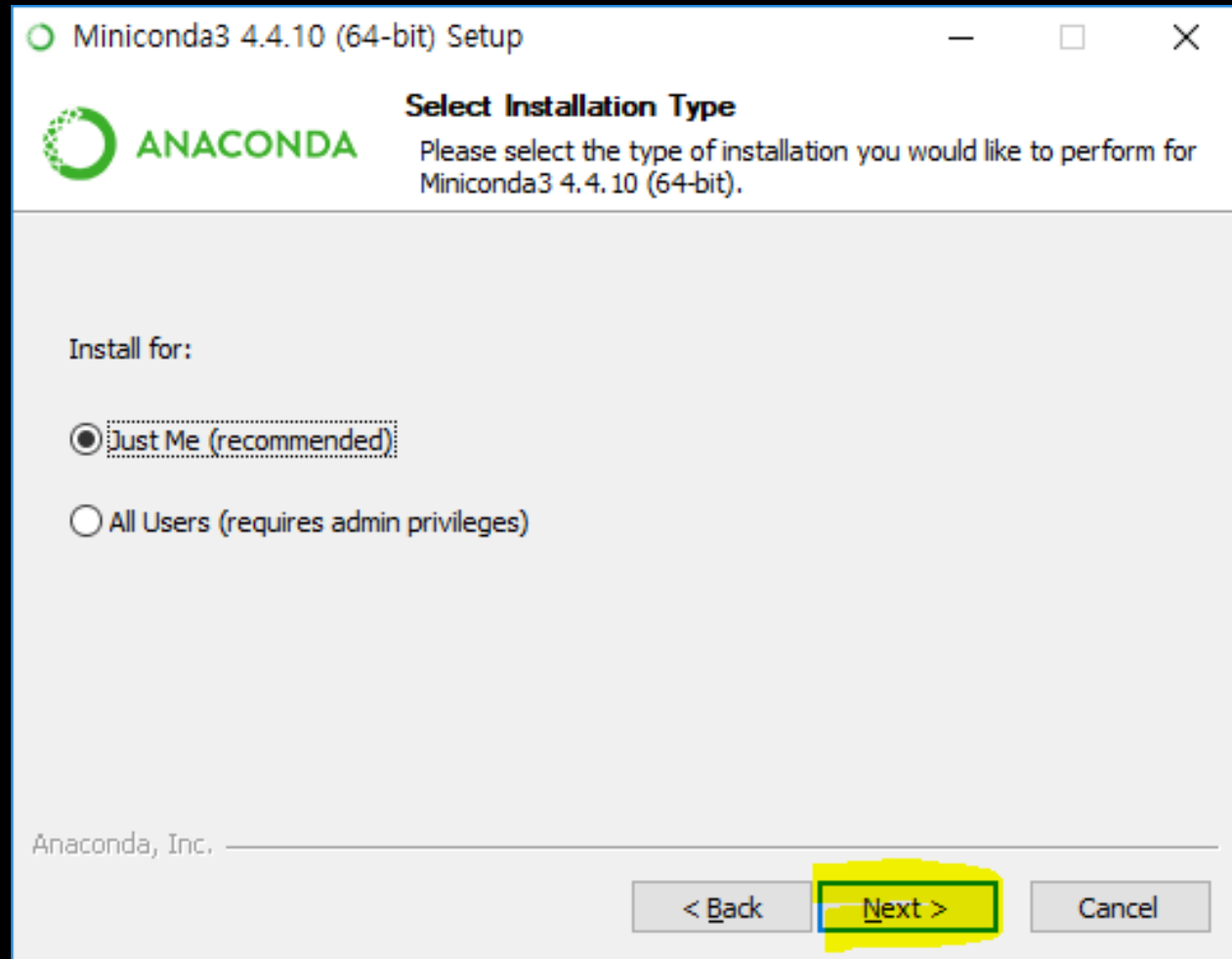


This is for Windows.
For other operating system,
refer to [HERE](#)

Install Miniconda




Install Miniconda



Install Miniconda

Miniconda3 4.4.10 (64-bit) Setup

 **ANACONDA**

Choose Install Location
Choose the folder in which to install Miniconda3 4.4.10 (64-bit).

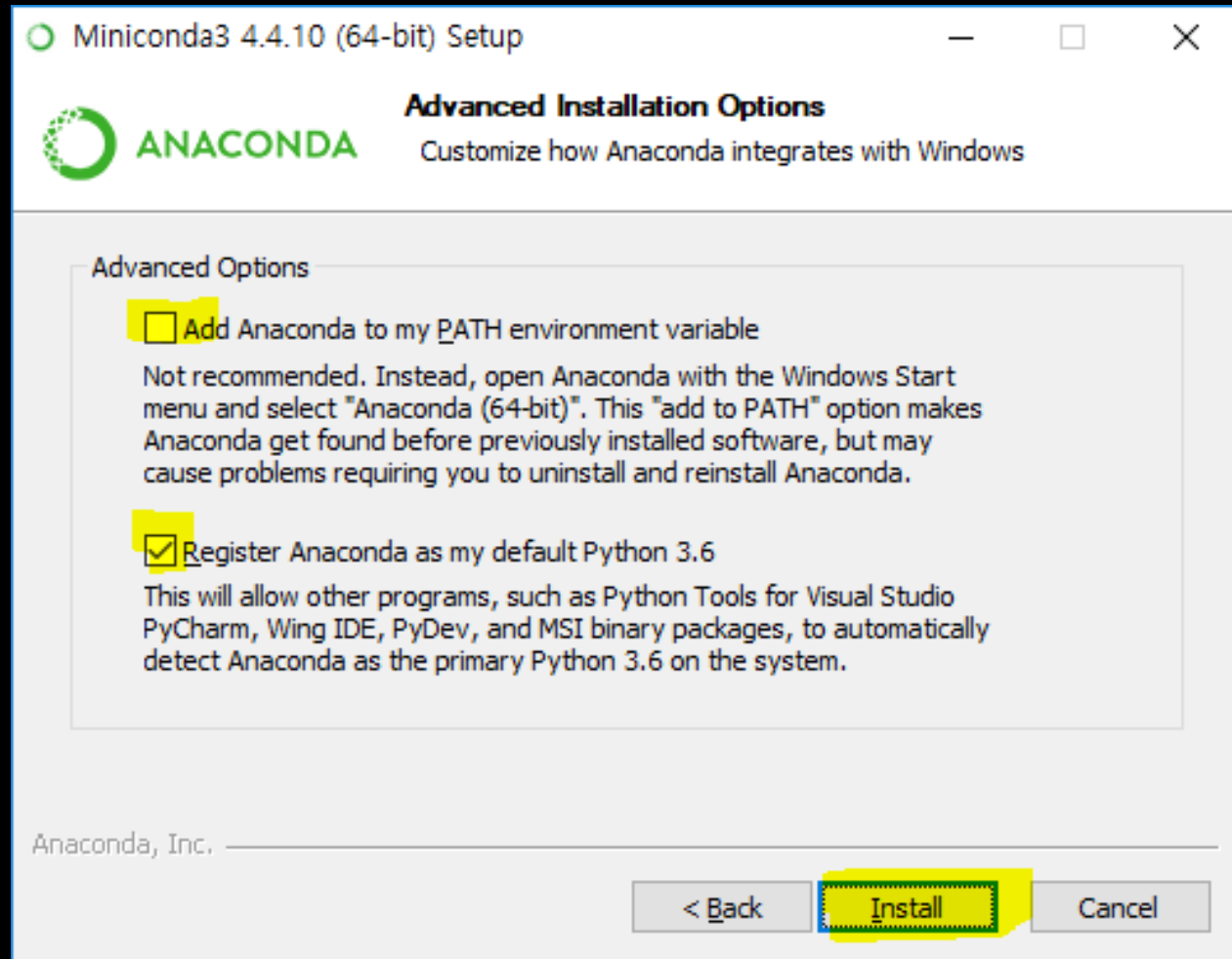
Setup will install Miniconda3 4.4.10 (64-bit) in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.

Destination Folder

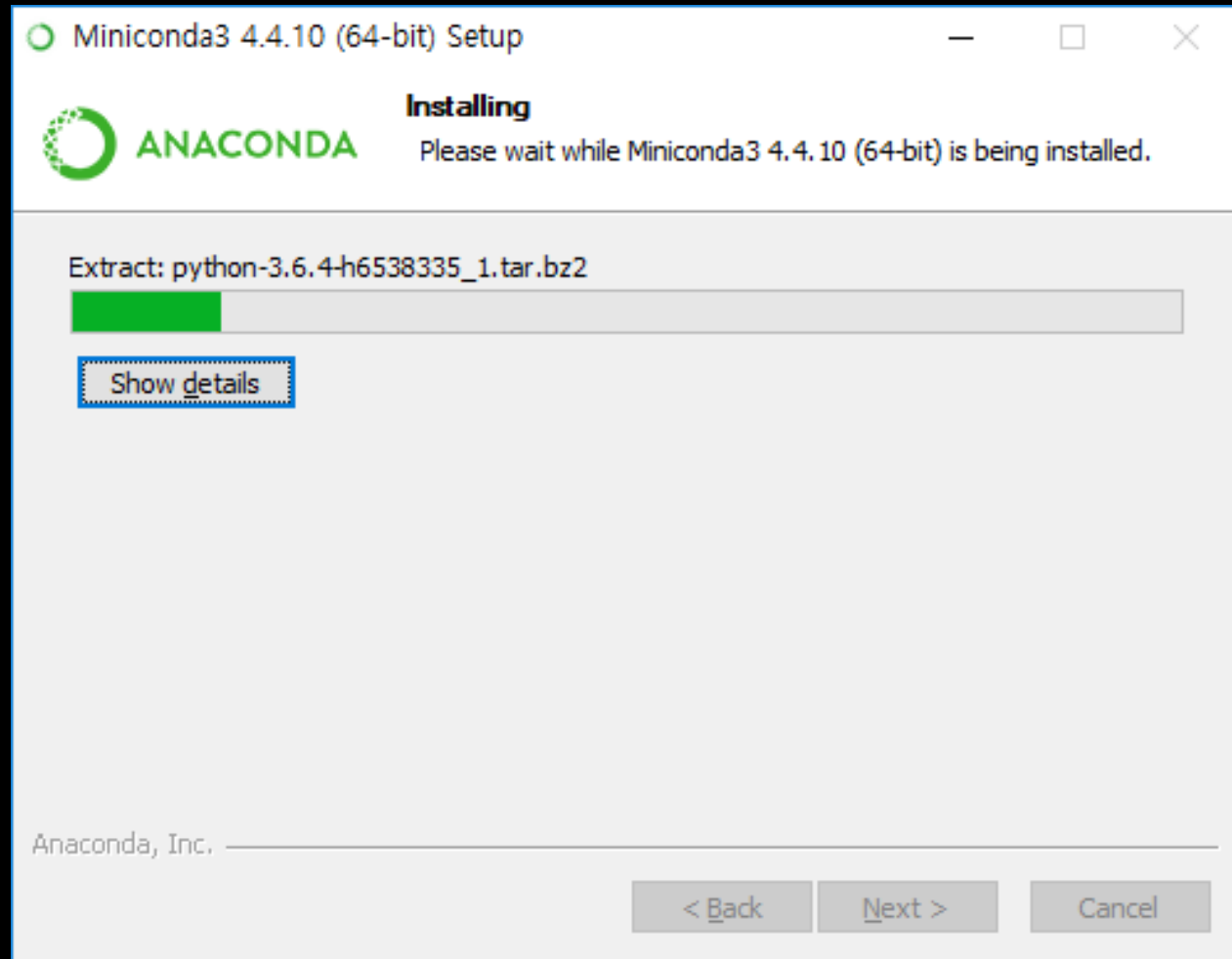
Space required: 261.8MB
Space available: 90.4GB

Anaconda, Inc.

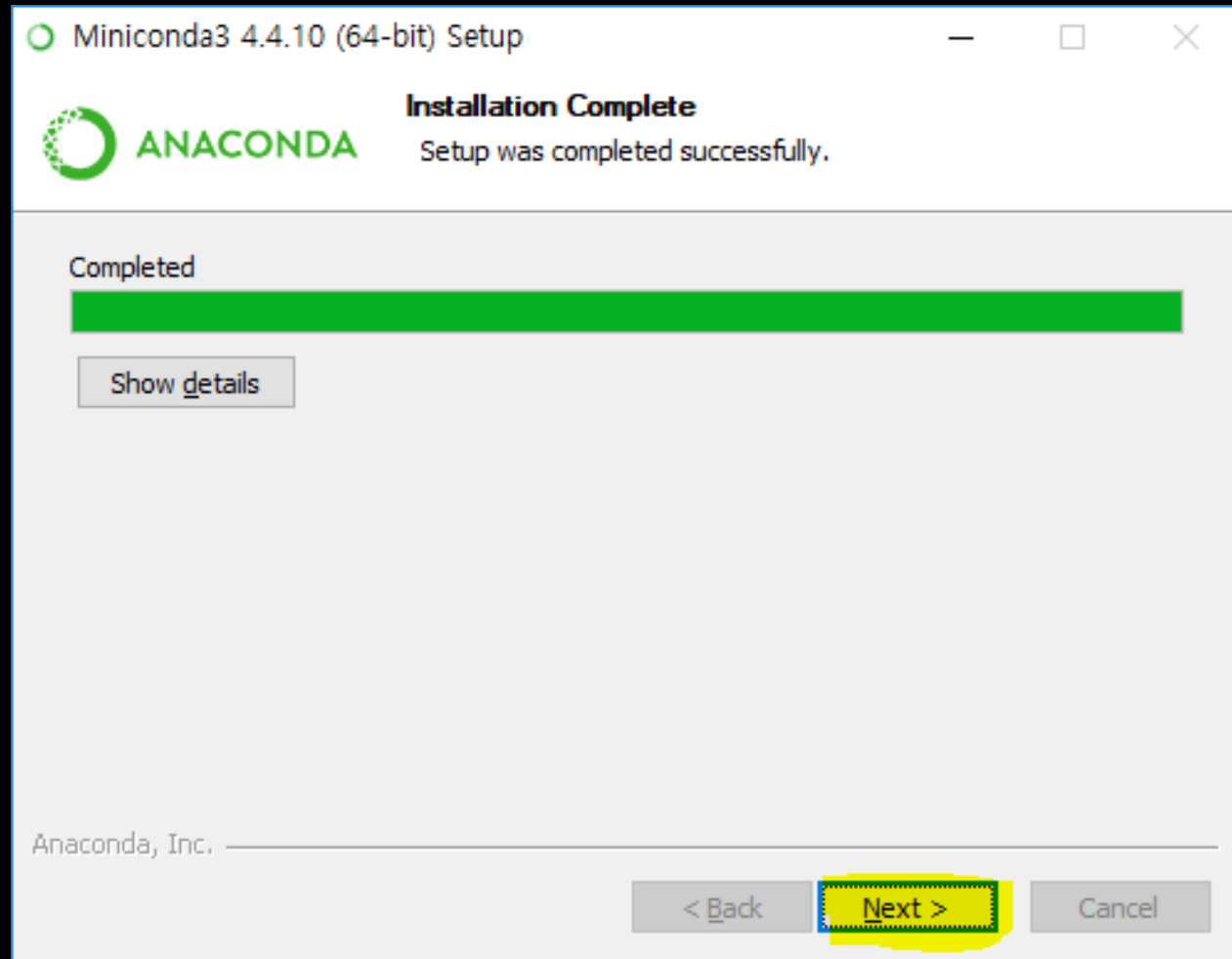
Install Miniconda



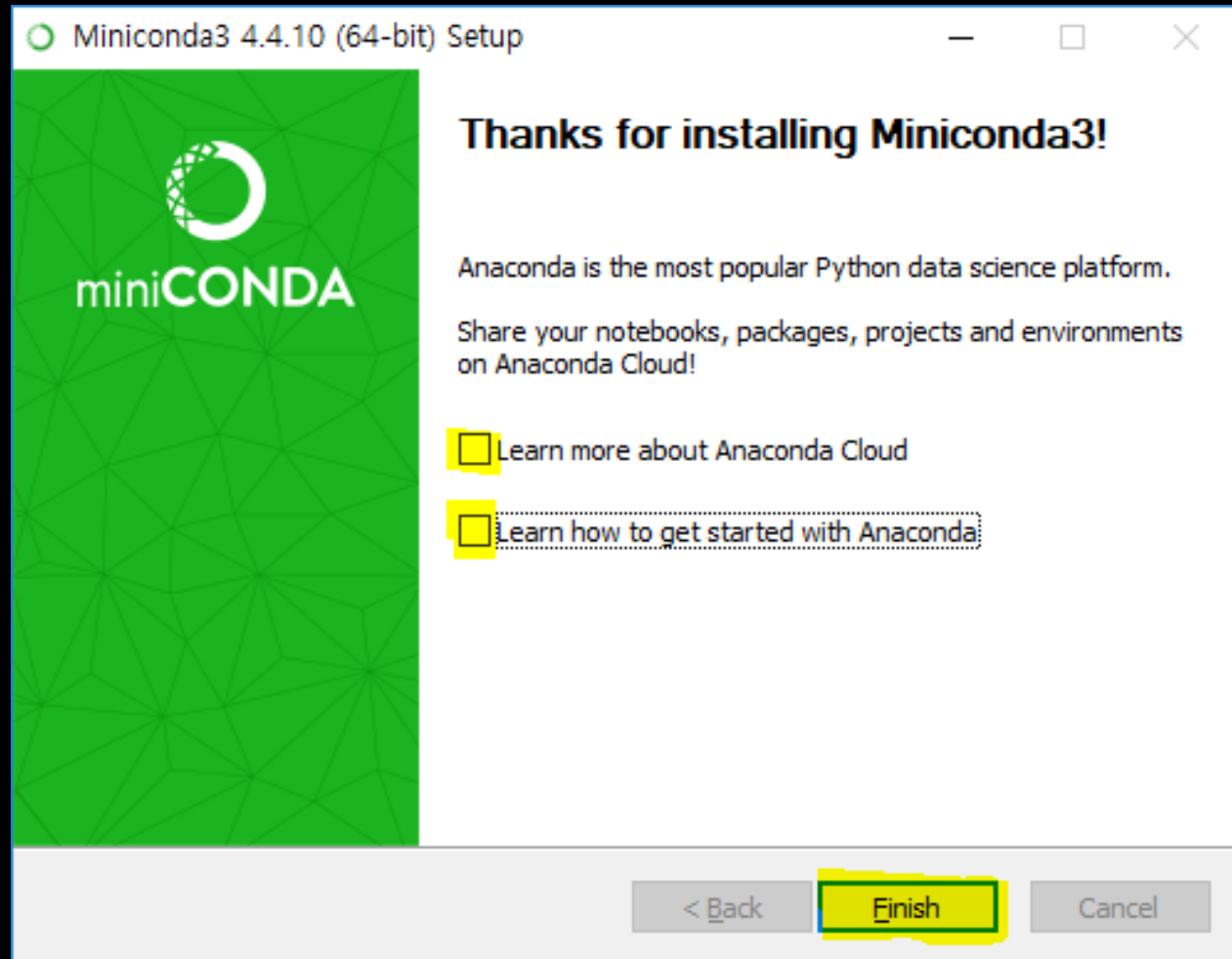
Install Miniconda



Install Miniconda



Install Miniconda

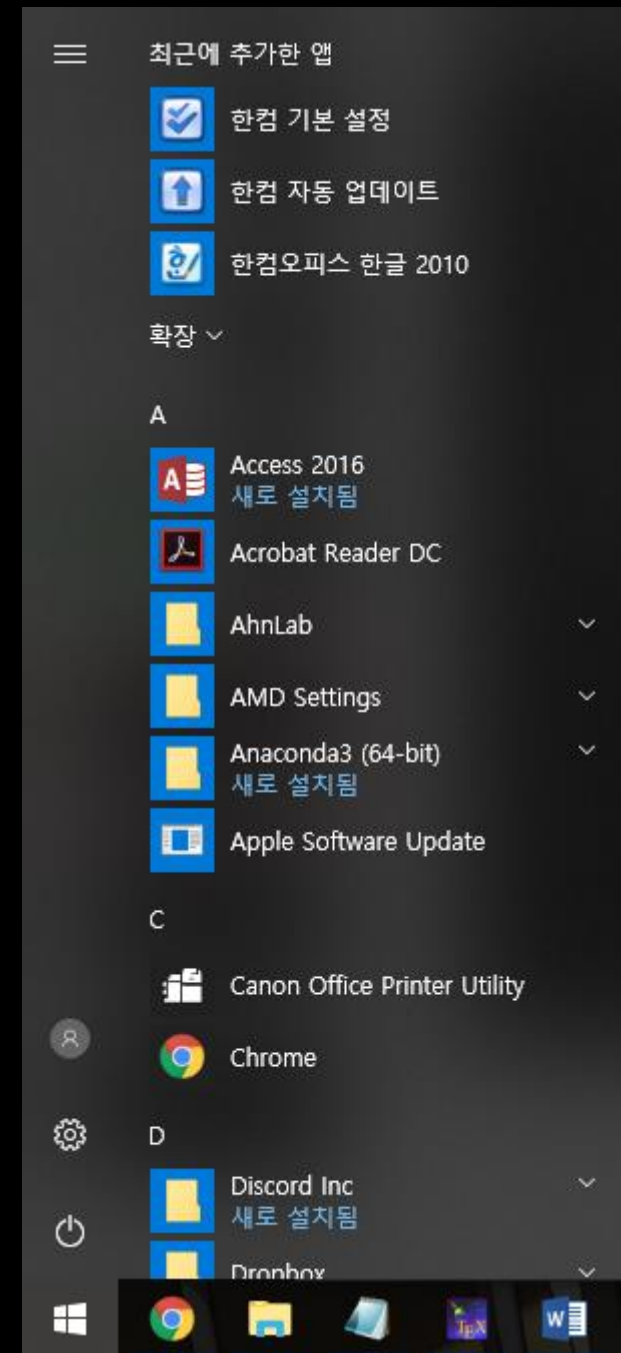


Open Miniconda

On Windows :

1. Press Windows Key

→ You will see a 'Start Menu'



Open Miniconda

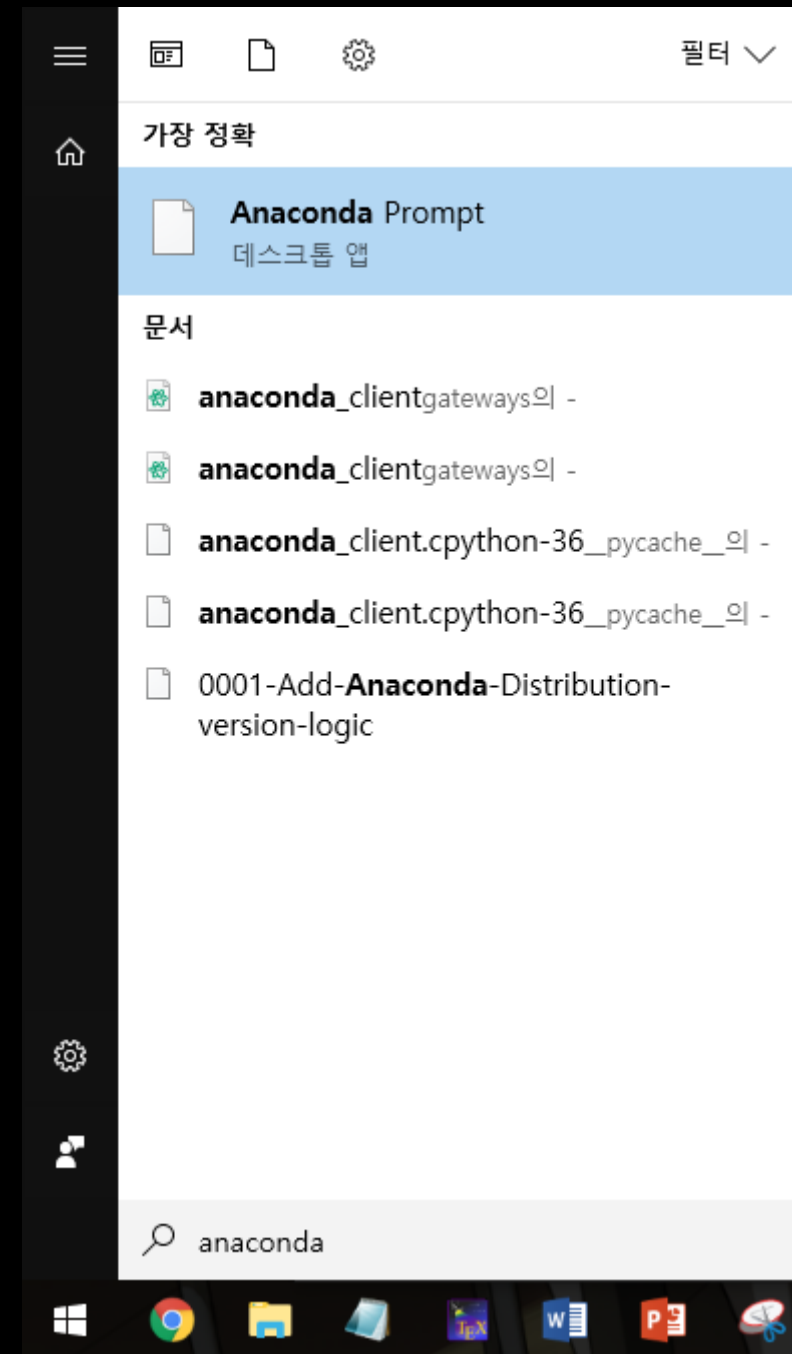
On Windows :

1. Press Windows Key

→ You will see a 'Start Menu'

2. Search 'anaconda'

→ You will find 'Anaconda Prompt'



Open Miniconda

On Windows :

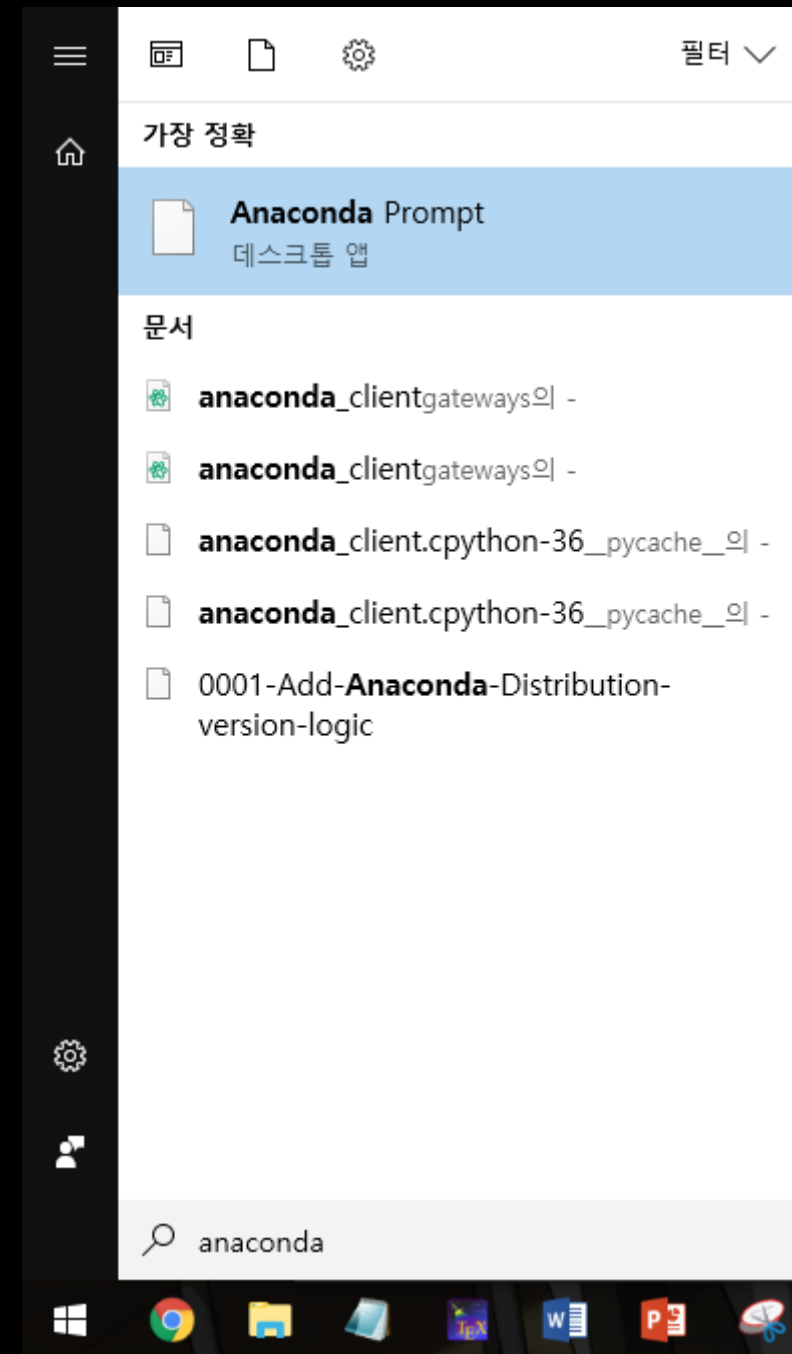
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3. Hit 'Enter' Key to open it



Open Miniconda

On Mac OS : Assuming your miniconda installation directory is “\$HOME/miniconda”

1. Open Terminal

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→ PATH should include installation binary directory

→ Run the following command

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export PATH="$HOME/miniconda/bin:$PATH"
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For more info: [LINK](#)

Install python modules

Once you've opened Miniconda

Enter :

```
pip install jupyter numpy matplotlib pillow
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 Anaconda Prompt

```
(base) C:\Users\Wahn>pip install jupyter numpy matplotlib pillow
```

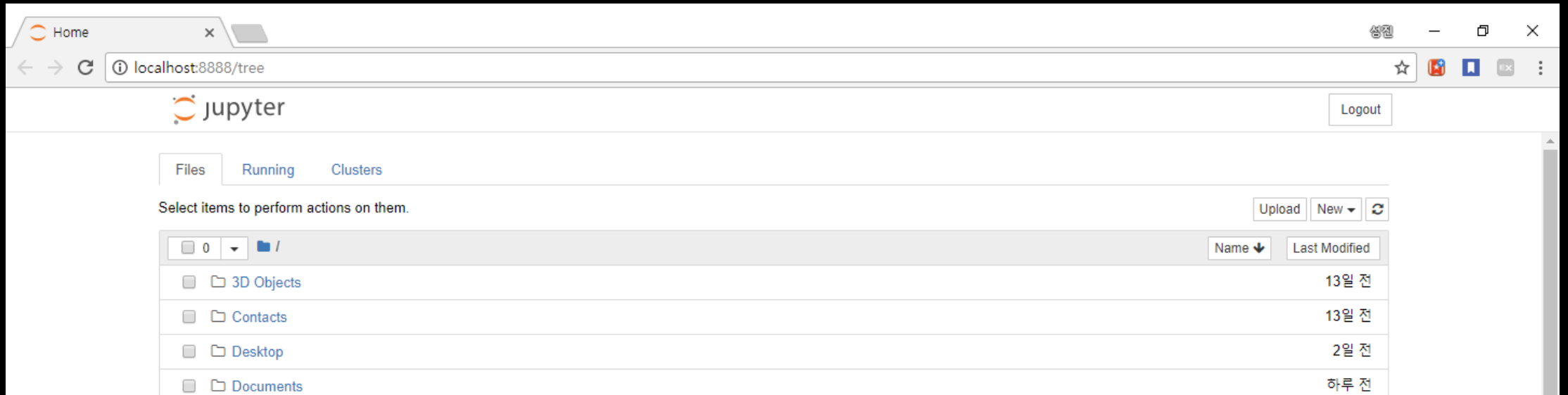
Same for Mac OS

Test Jupyter Notebook

Once you've opened Miniconda

Enter :

jupyter notebook

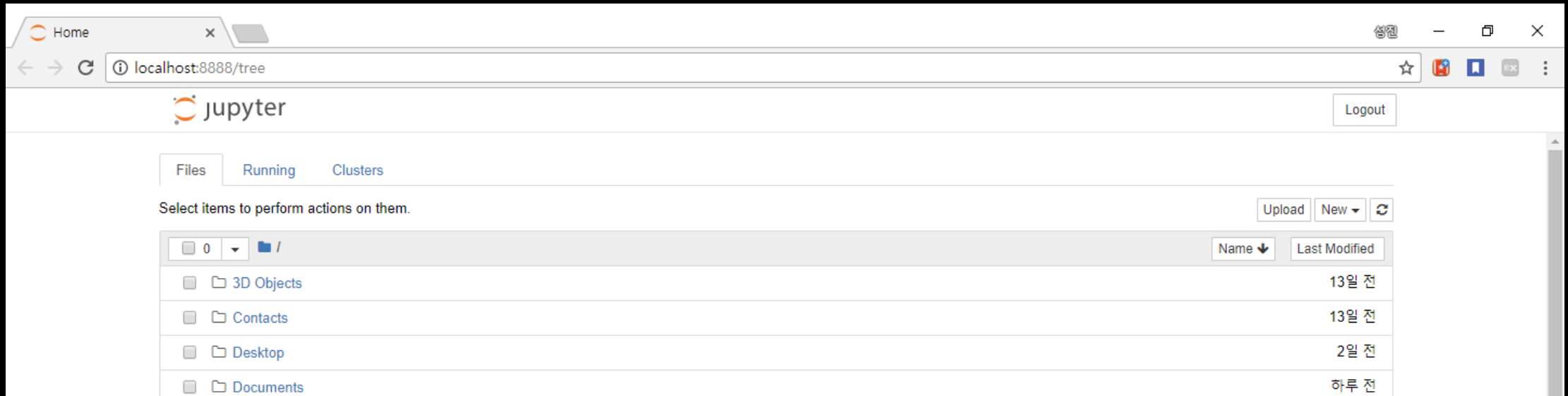


Once you've opened Miniconda

Enter :

You can get some basics from [HERE](#)

jupyter notebook



fin.