

a guide to

environment preparation

[python environment for simple numerical quantum mechanics]

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MPQ / DGIST / MPK

2 Steps

Install Miniconda (python environment)


Install python modules

Test Jupyter Notebook

Install Miniconda

Download Miniconda

From here: [URL](#)

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)

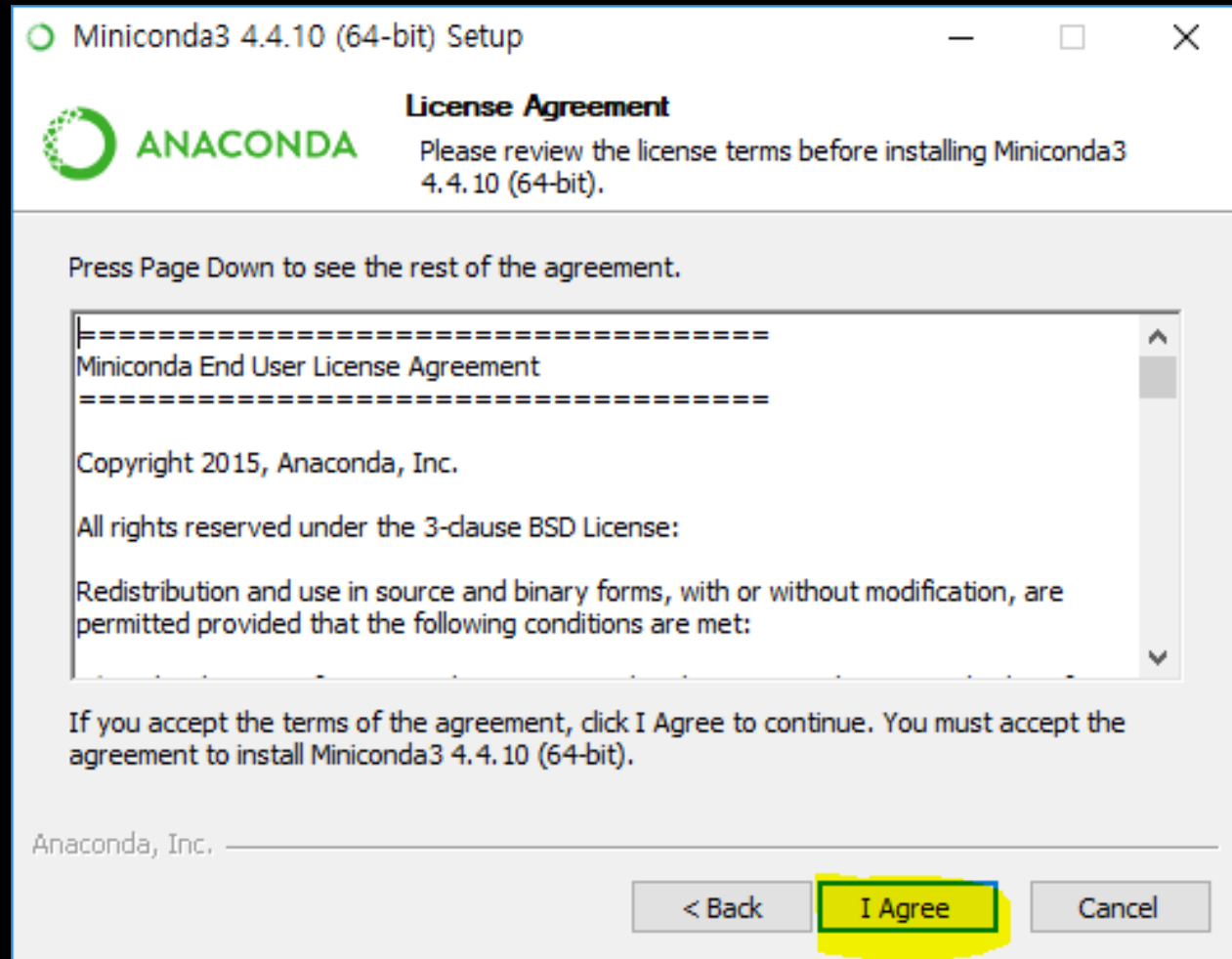
Fork me on GitHub

Install Miniconda

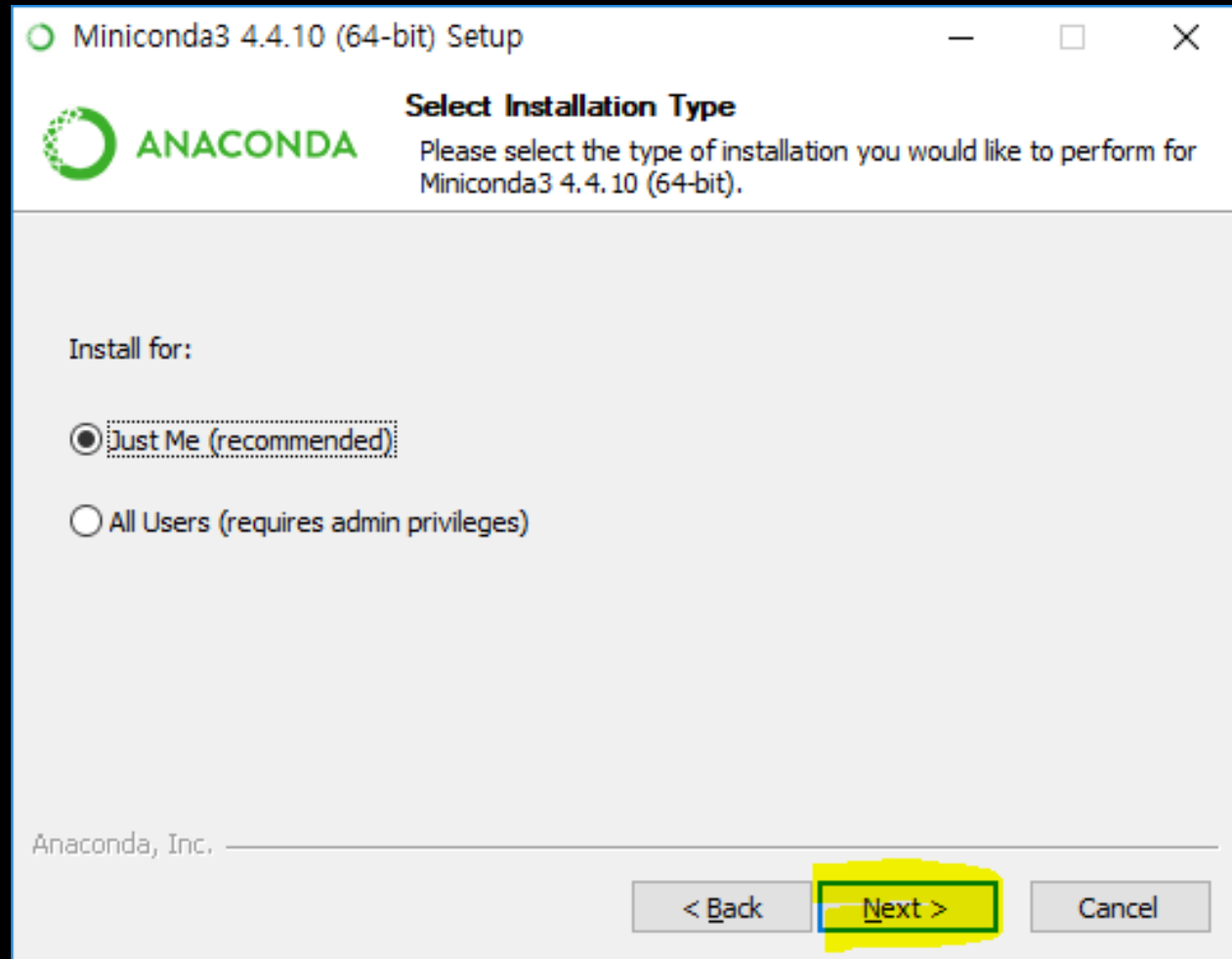


This is for Windows.
For other operating system,
refer to [HERE](#)

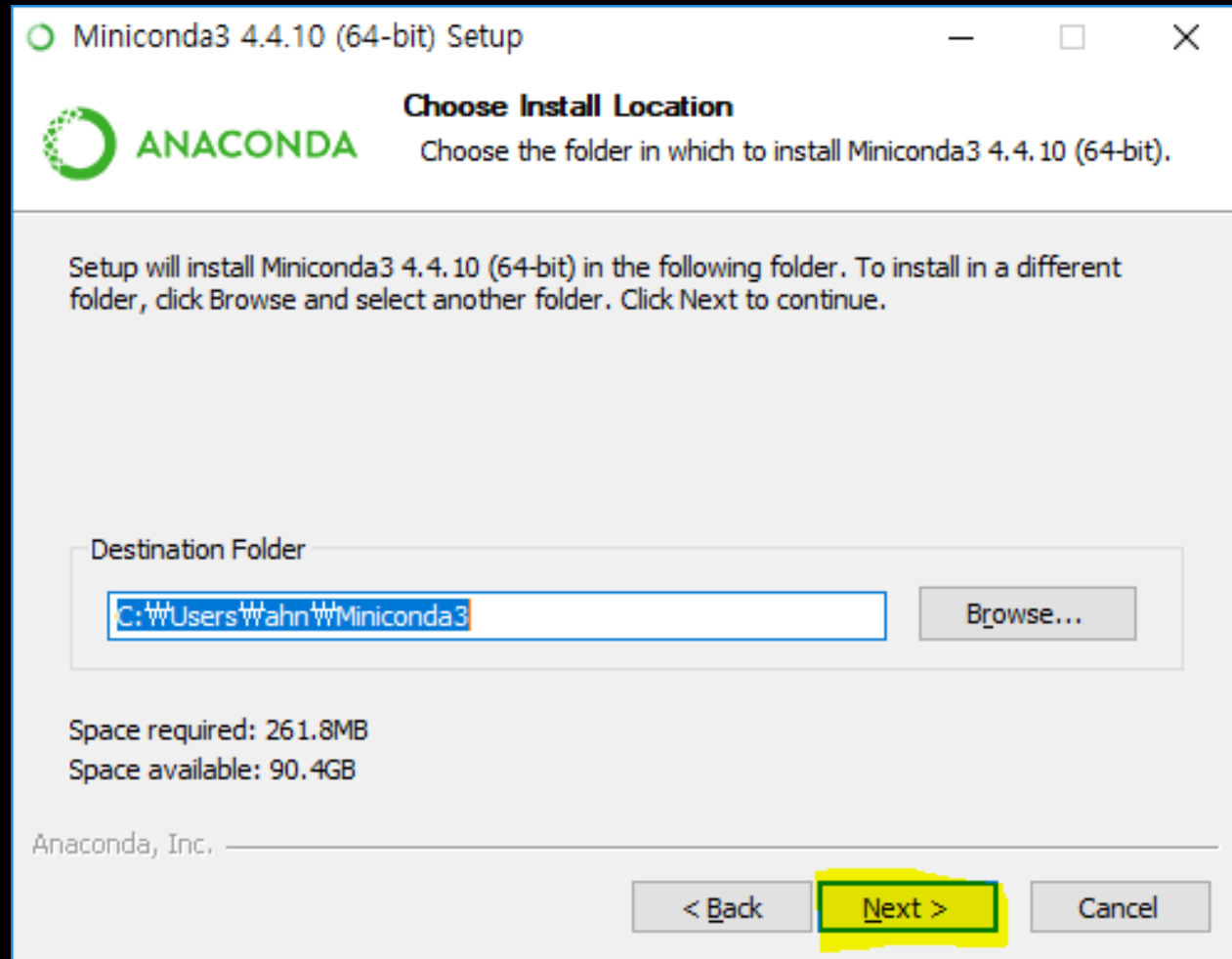
Install Miniconda



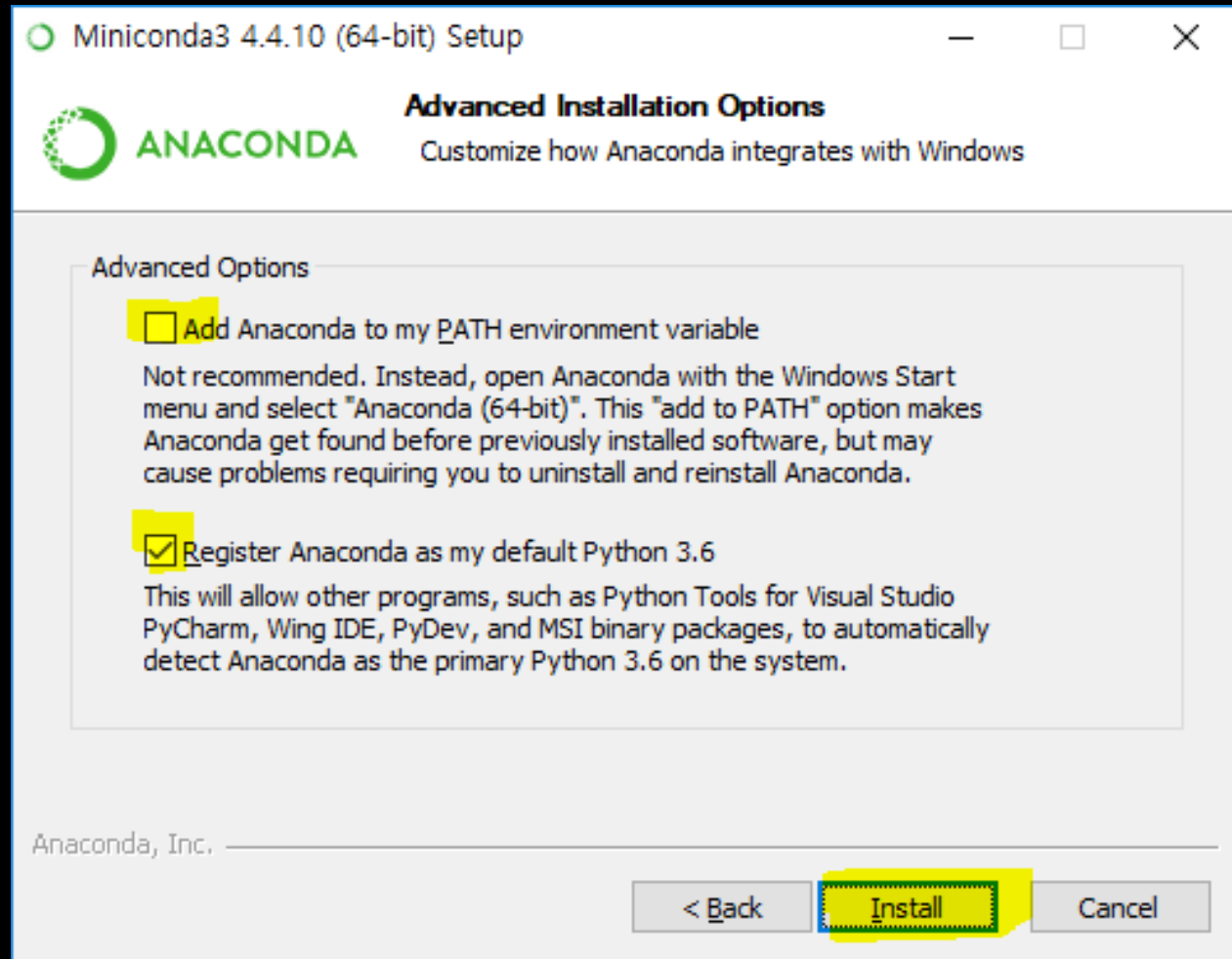
Install Miniconda



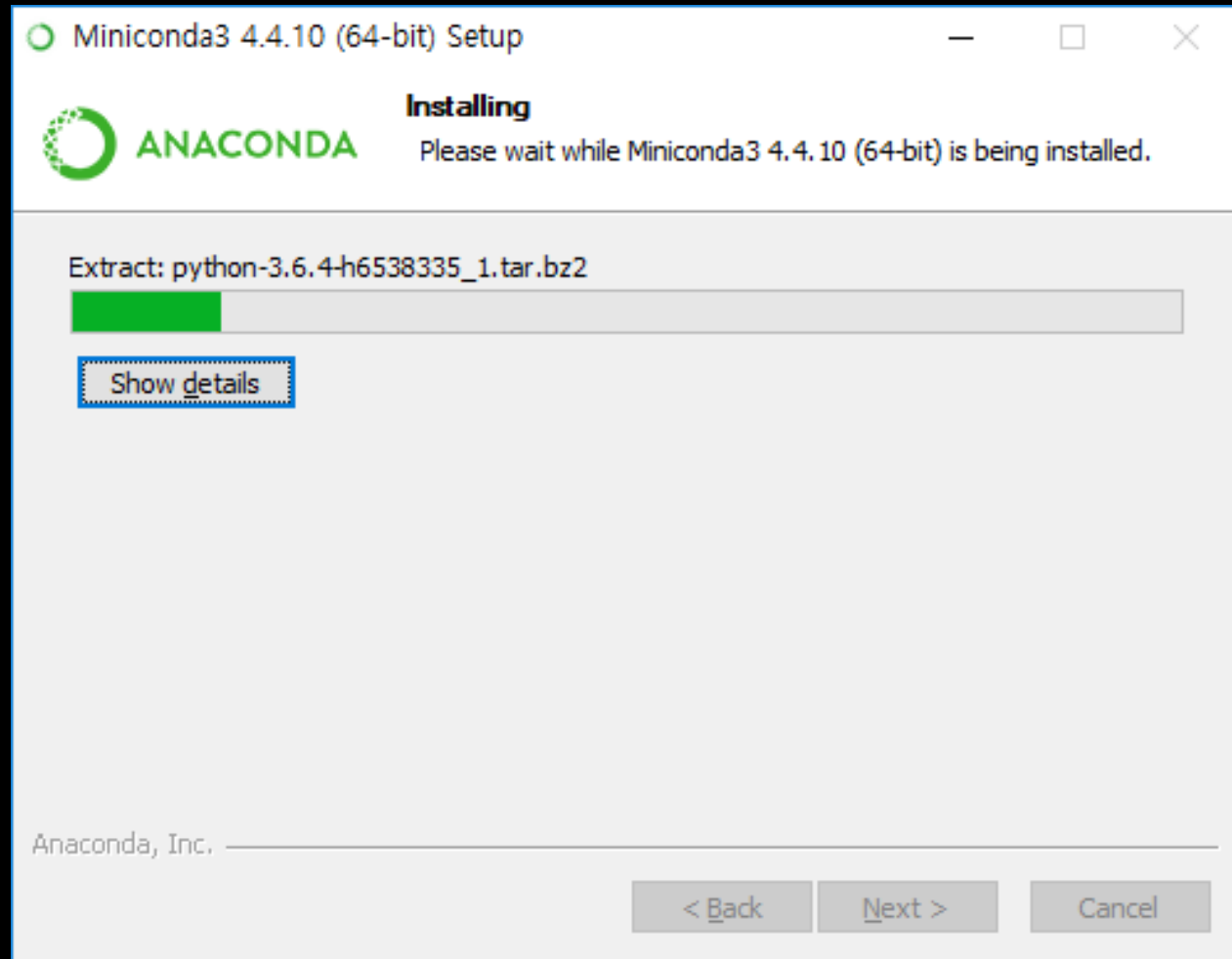
Install Miniconda



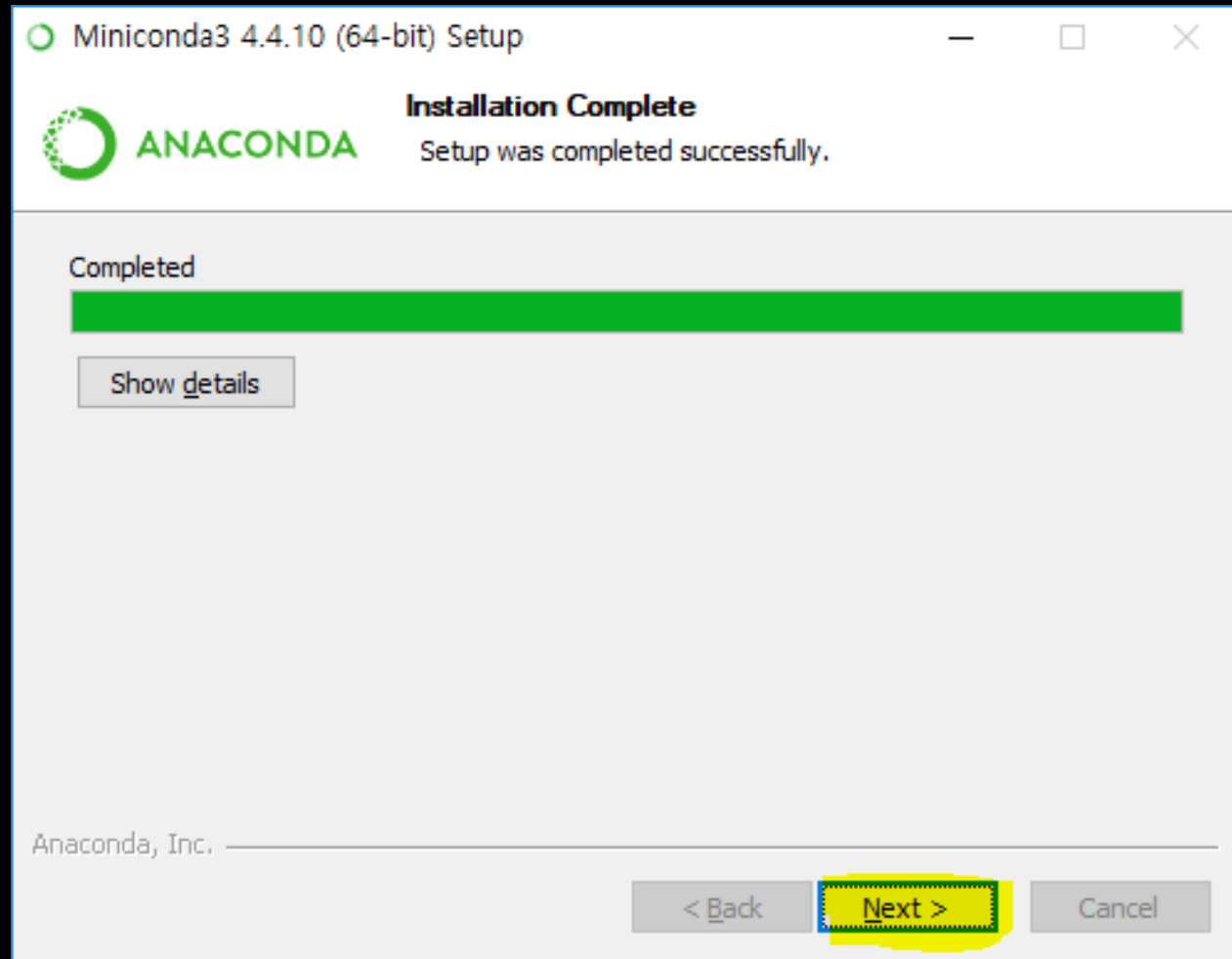
Install Miniconda



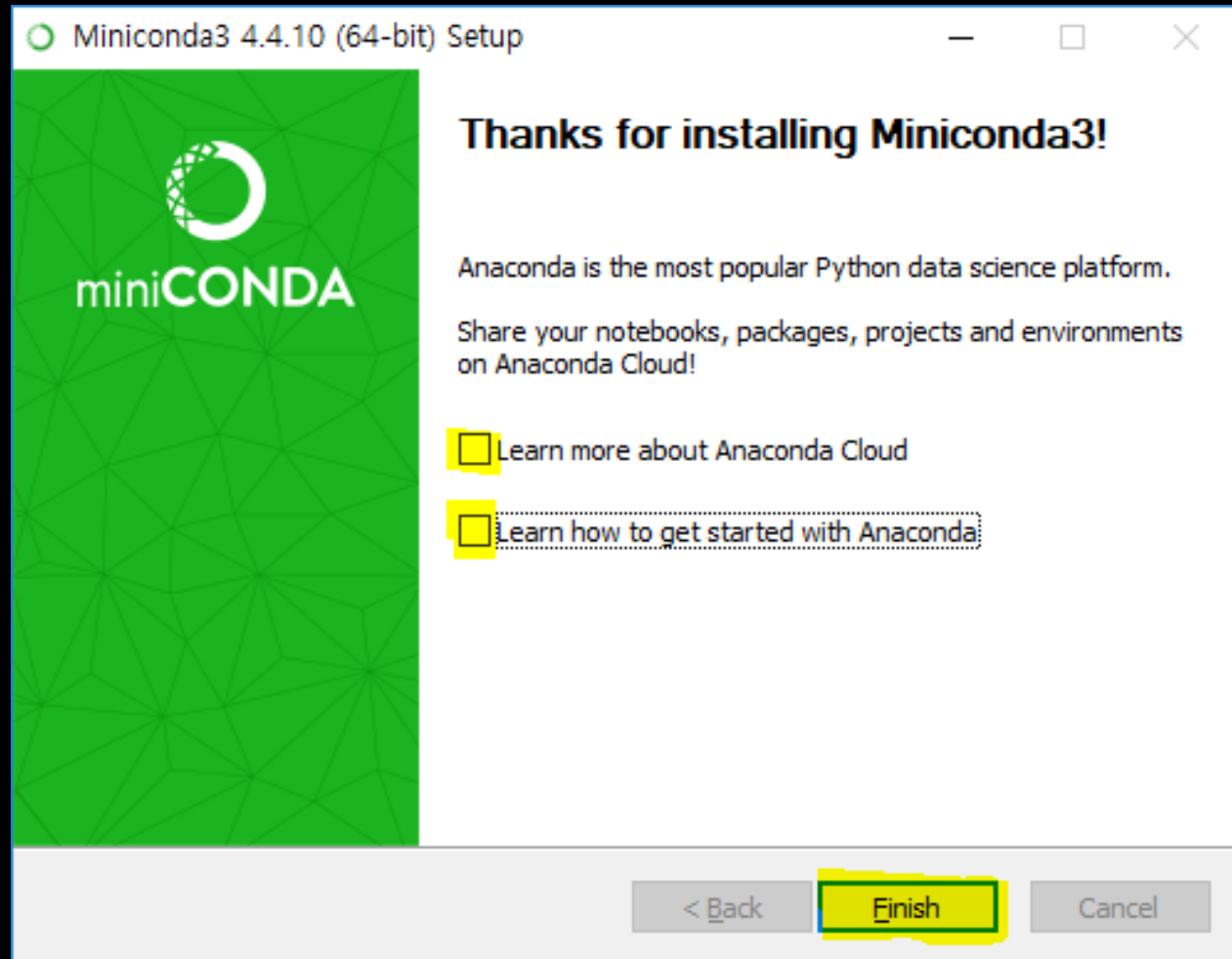
Install Miniconda



Install Miniconda



Install Miniconda

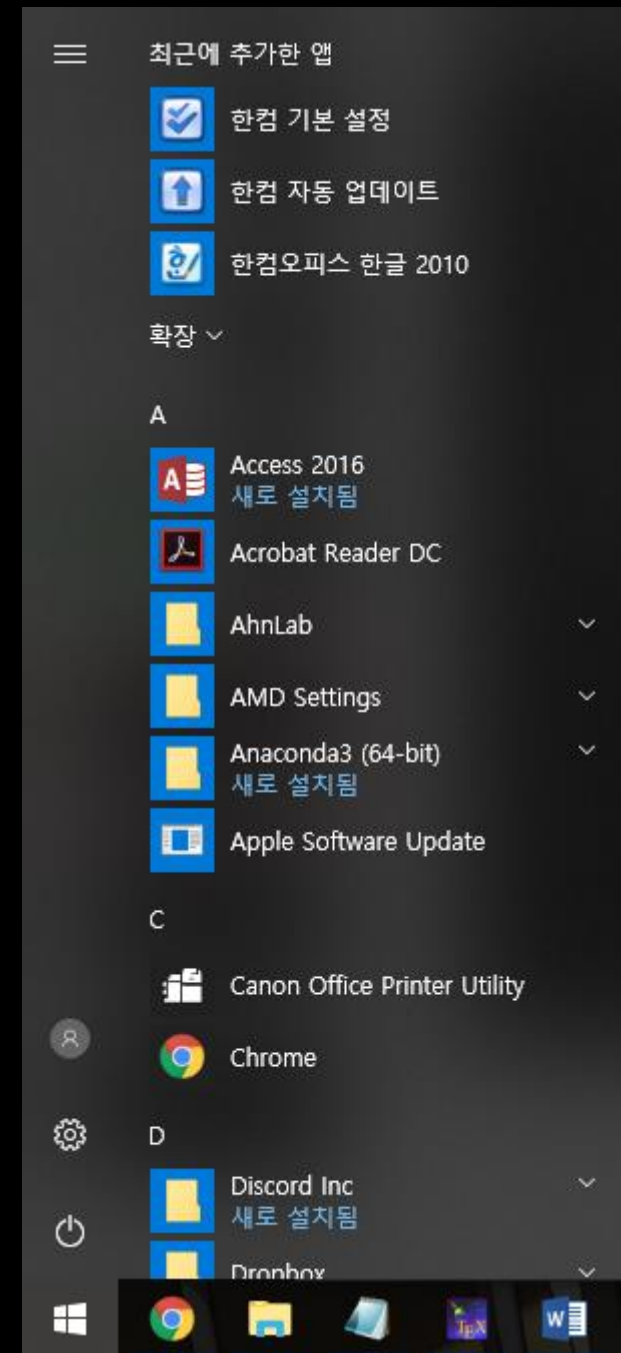


Open Miniconda

On Windows :

1. Press Windows Key

→ You will see a 'Start Menu'



Open Miniconda

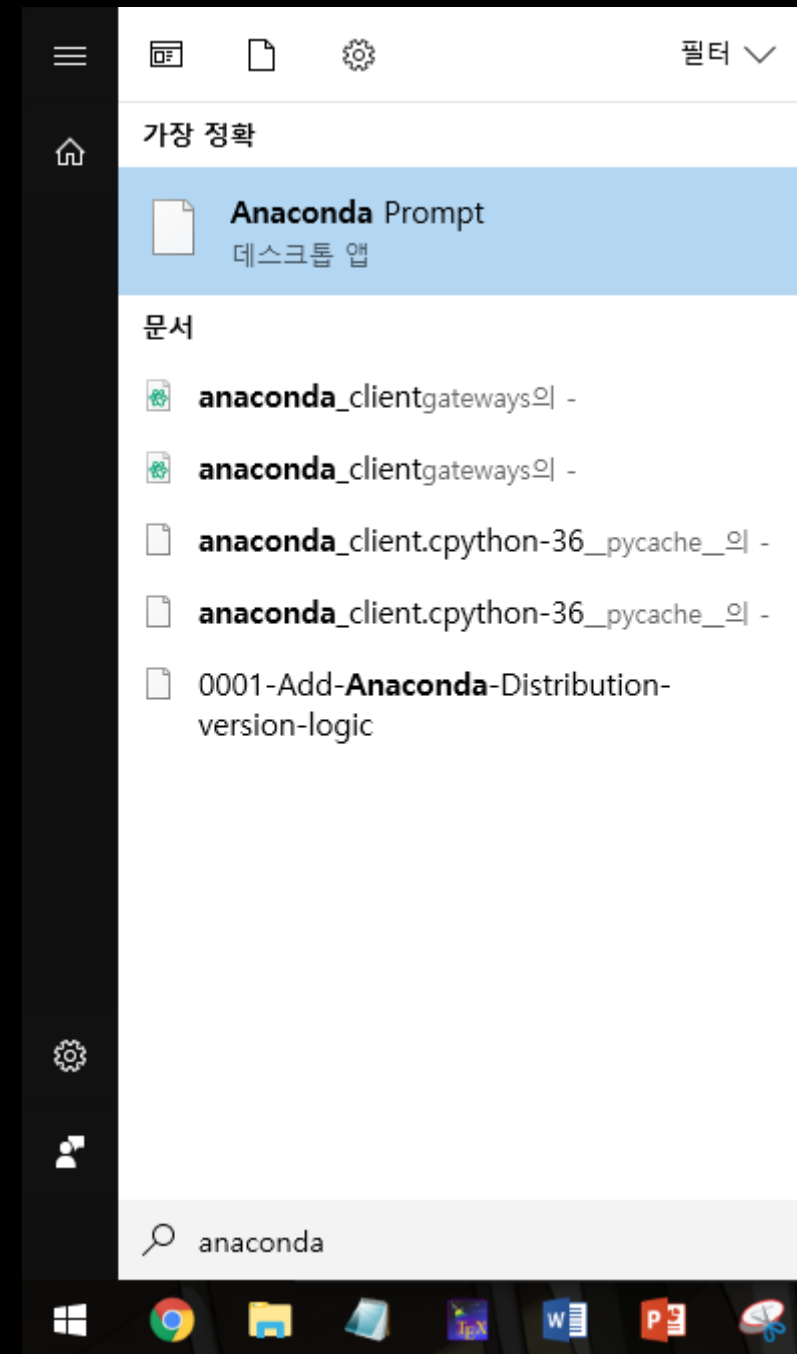
On Windows :

1. Press Windows Key

→ You will see a 'Start Menu'

2. Search 'anaconda'

→ You will find 'Anaconda Prompt'



Open Miniconda

On Windows :

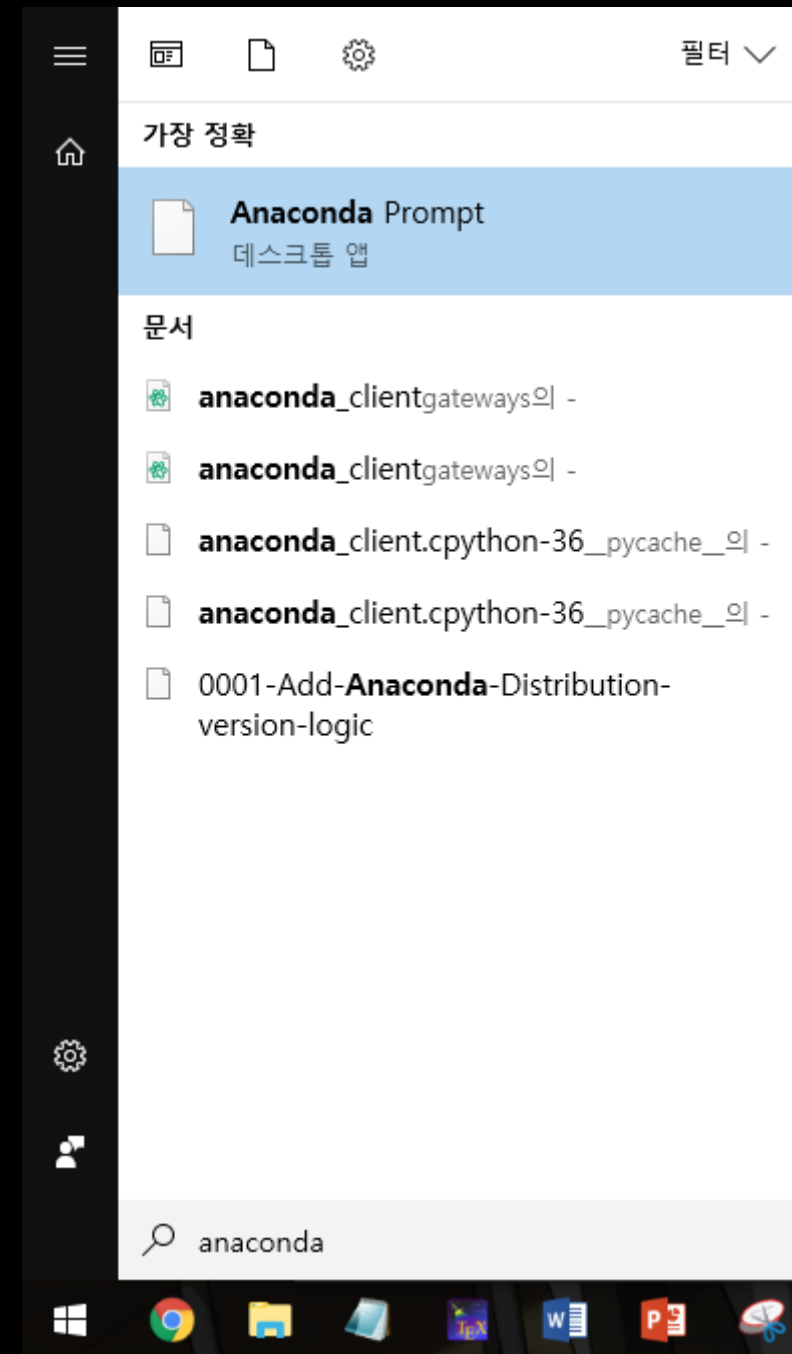
1. Press Windows Key

→ You will see a 'Start Menu'

2. Search 'anaconda'

→ You will find 'Anaconda Prompt'

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

```
export PATH="$HOME/miniconda/bin:$PATH"
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3. Load Anaconda environment

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source $HOME/miniconda/bin/activate
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For more info: [LINK](#)

Install python modules

Once you've opened Miniconda

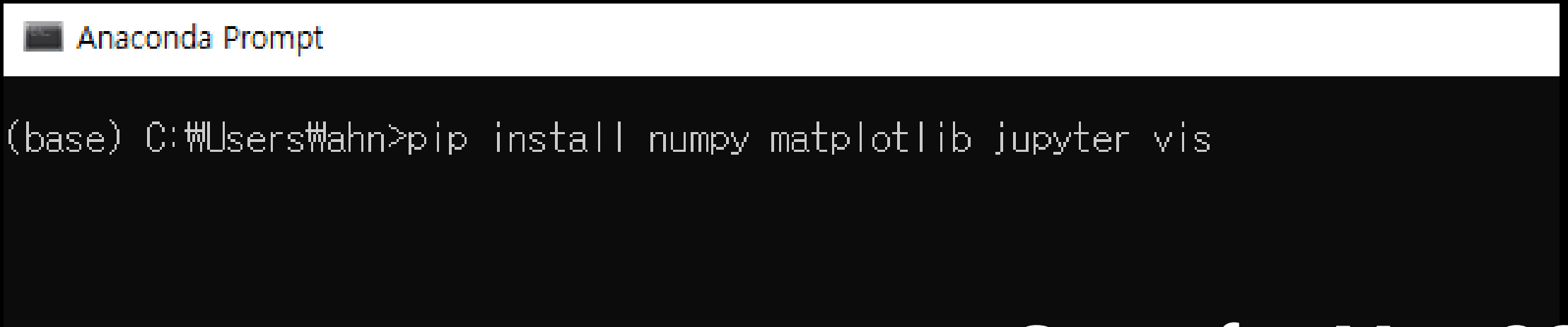
Enter :

```
pip install numpy matplotlib jupyter vis
```

Once you've opened Miniconda

Enter :

```
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A screenshot of an Anaconda Prompt terminal window. The title bar at the top is white and contains a small icon and the text "Anaconda Prompt". The terminal area has a dark background. The prompt "(base) C:\#Users\#hahn>" is visible, followed by the command "pip install numpy matplotlib jupyter vis" which has been entered. The cursor is at the end of the command line.

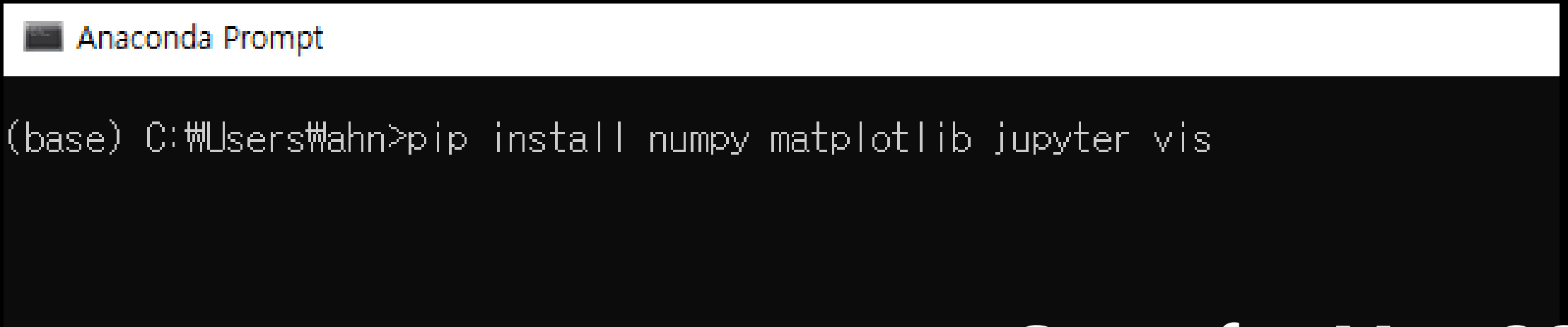
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Same for Mac OS

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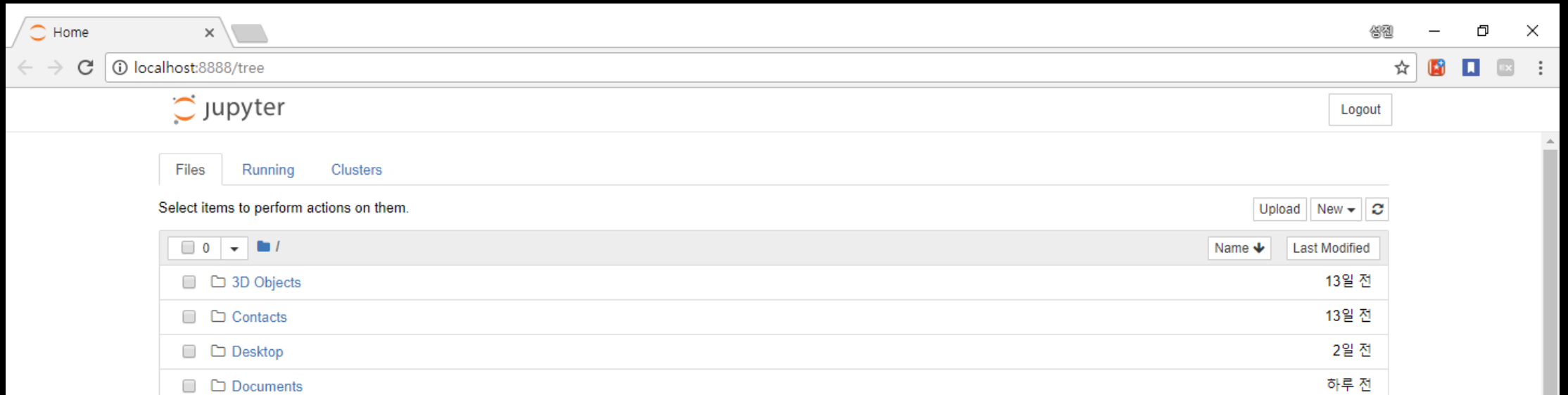
Same for Mac OS

Test Jupyter Notebook

Once you've opened Miniconda

Enter :

jupyter notebook

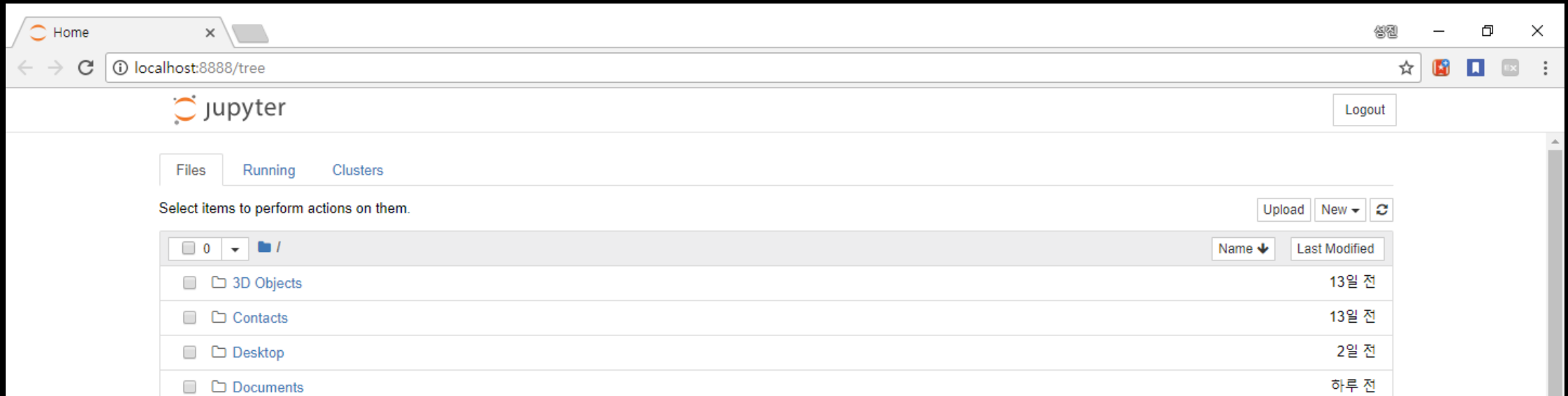


Once you've opened Miniconda

Enter :

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

jupyter notebook



fin.