



WINDOWS |

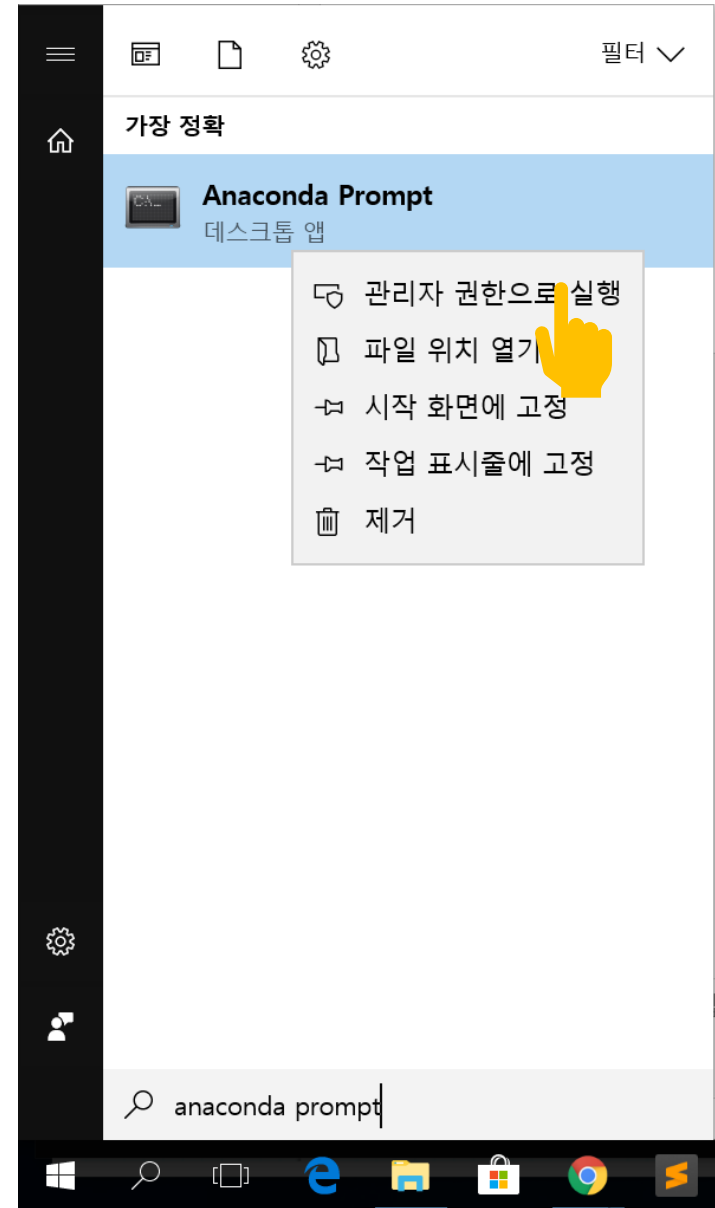
아나콘다 다운로드 및 설치

Python 3.6 버전을 다운받아 설치한다. [클릭! 다운로드 링크](#)



아나콘다 콘솔 실행

관리자 권한으로 실행



가상환경 생성 및 필요 패키지 설치

1. conda --version
2. conda update conda
3. conda create --name fastcampus python=3.5
4. conda activate fastcampus

```
(base) C:\WINDOWS\system32>conda activate fastcampus  
(fastcampus) C:\WINDOWS\system32>_
```

5. conda install jupyter notebook sympy numpy scipy tensorflow matplotlib pandas scikit-learn

JUPYTER NOTEBOOK 실행

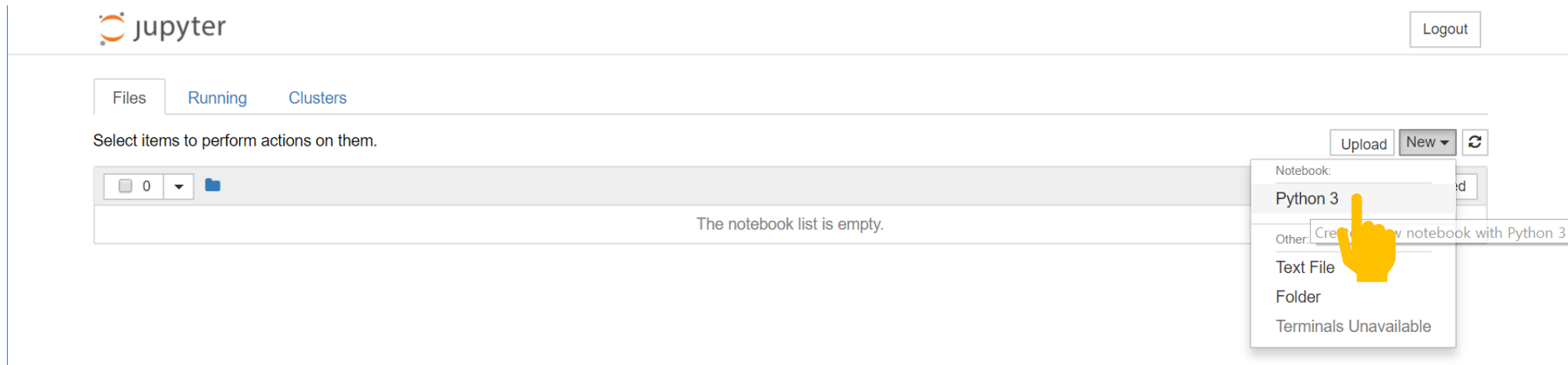
```
cd /your/favorite/path/
```

```
jupyter notebook
```

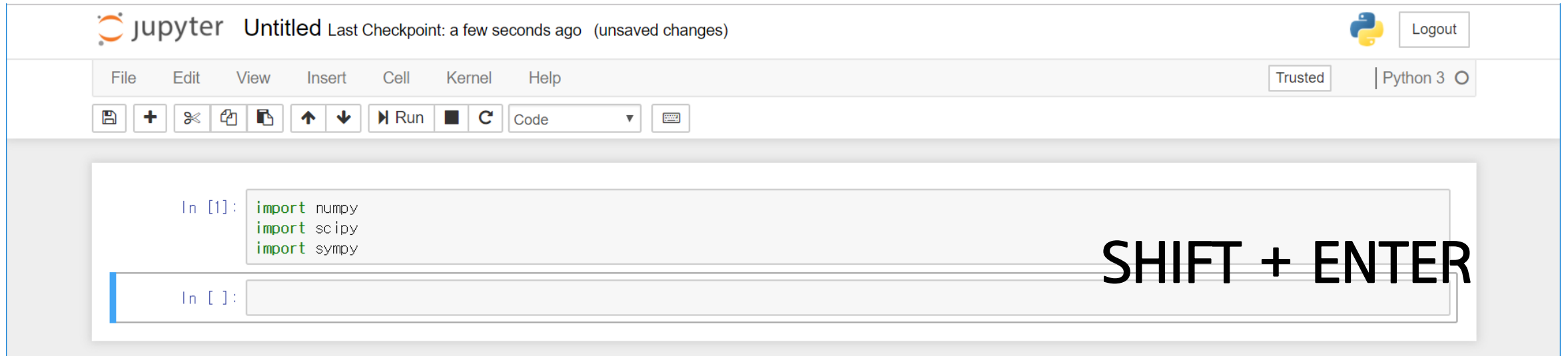
```
(fastcampus) C:\repos\temp>jupyter notebook
[I 12:03:24.582 NotebookApp] Serving notebooks from local directory: C:\repos\temp
[I 12:03:24.582 NotebookApp] 0 active kernels
[I 12:03:24.584 NotebookApp] The Jupyter Notebook is running at:
[I 12:03:24.586 NotebookApp] http://localhost:8888/?token=e90ecb5e35a3f7205cc3d3273273c3629b069b59a10a9236
[I 12:03:24.587 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 12:03:24.598 NotebookApp]

Copy/paste this URL into your browser when you connect for the first time,
to login with a token:
    http://localhost:8888/?token=e90ecb5e35a3f7205cc3d3273273c3629b069b59a10a9236
[I 12:03:24.813 NotebookApp] Accepting one-time-token-authenticated connection from ::1
[W 12:03:25.161 NotebookApp] 404 GET /static/components/moment/locale/ko.js?v=20180102120323 (::1) 13.00ms referer=http://localhost:8888/tree
```

PYTHON3 SCRIPT 실행



라이브러리 정상 설치 확인



The image shows a Jupyter Notebook interface. At the top, the header bar includes the Jupyter logo, the text "jupyter", and "Untitled Last Checkpoint: a few seconds ago (unsaved changes)". On the right of the header bar are a Python logo, a "Logout" button, and a "Trusted" status indicator. Below the header is a menu bar with "File", "Edit", "View", "Insert", "Cell", "Kernel", and "Help". Underneath the menu bar is a toolbar with icons for saving, creating a new file, opening a recent file, copying, pasting, undo, redo, and a "Run" button. To the right of the "Run" button is a dropdown menu currently set to "Code". The main area of the notebook contains two code cells. The first cell, labeled "In [1]:", contains the following code:

```
import numpy
import scipy
import sympy
```

The second cell, labeled "In []:", is currently empty. A large, bold, black text overlay "SHIFT + ENTER" is positioned on the right side of the notebook area, indicating the keyboard shortcut to execute the code in the selected cell.



MAC OS X |

아나콘다 다운로드 및 설치

Python 3.6 버전을 다운받아 설치한다. [클릭! 다운로드 링크](#)

Anaconda 5.0.1 For macOS Installer

Python 3.6 version *

↓ Download

[64-Bit Graphical Installer \(569 MB\)](#) ?
[64-Bit Command-Line Installer \(491 MB\)](#) ?

Python 2.7 version *

↓ Download

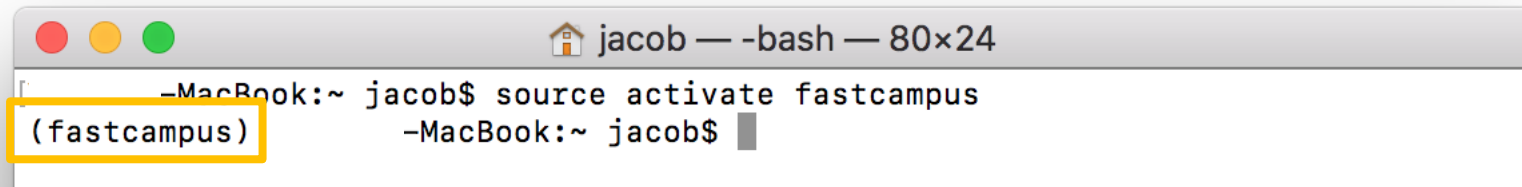
[64-Bit Graphical Installer \(563 MB\)](#) ?
[64-Bit Command-Line Installer \(487 MB\)](#) ?

터미널 실행



가상환경 생성 및 필요 패키지 설치

1. conda --version
2. conda update conda
3. conda create --name fastcampus python=3.5
4. source activate fastcampus



A terminal window titled 'jacob — -bash — 80x24' showing the command 'source activate fastcampus' being executed. The prompt changes from '-MacBook:~ jacob\$' to '(fastcampus) -MacBook:~ jacob\$'. The text '(fastcampus)' is highlighted with a yellow box.

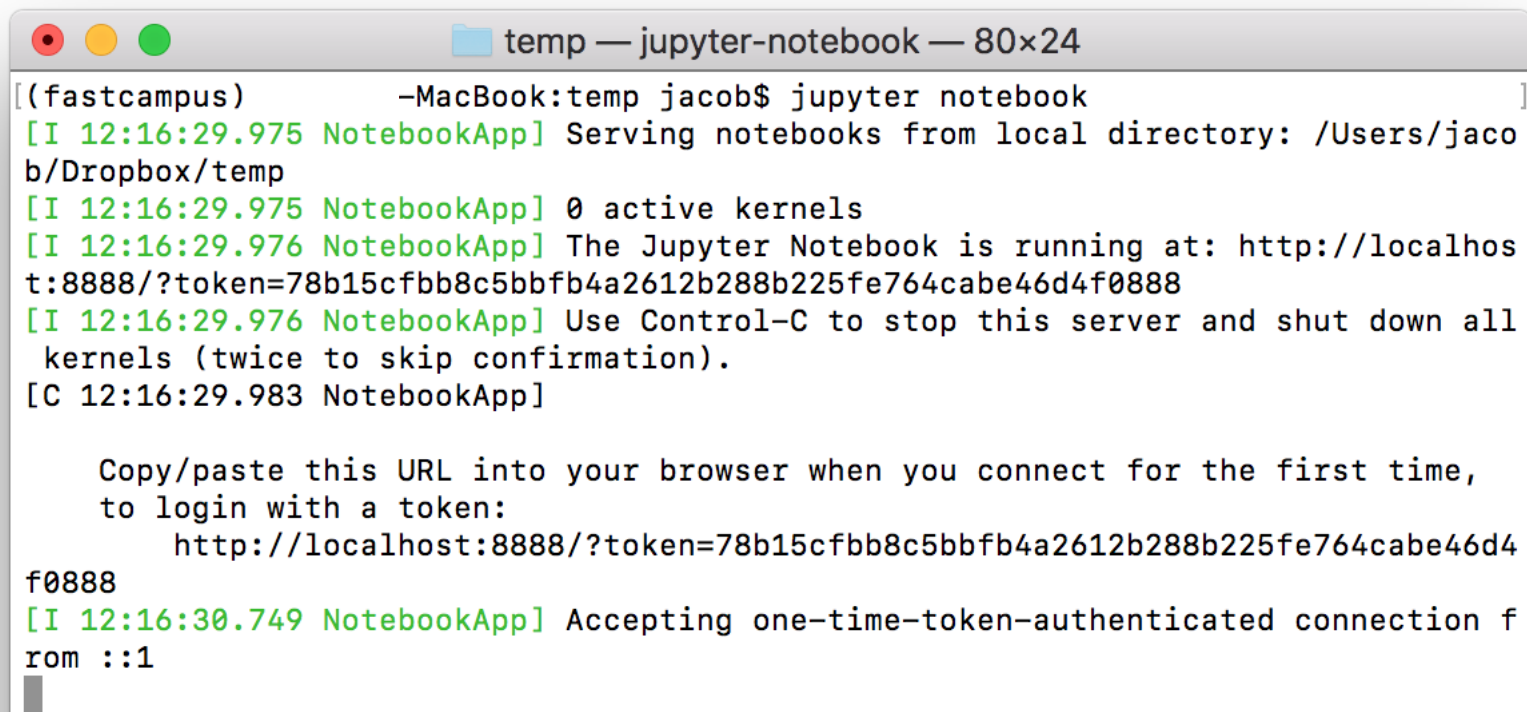
```
jacob — -bash — 80x24
-MacBook:~ jacob$ source activate fastcampus
(fastcampus) -MacBook:~ jacob$
```

5. conda install jupyter notebook sympy numpy scipy tensorflow matplotlib pandas scikit-learn

JUPYTER NOTEBOOK 실행

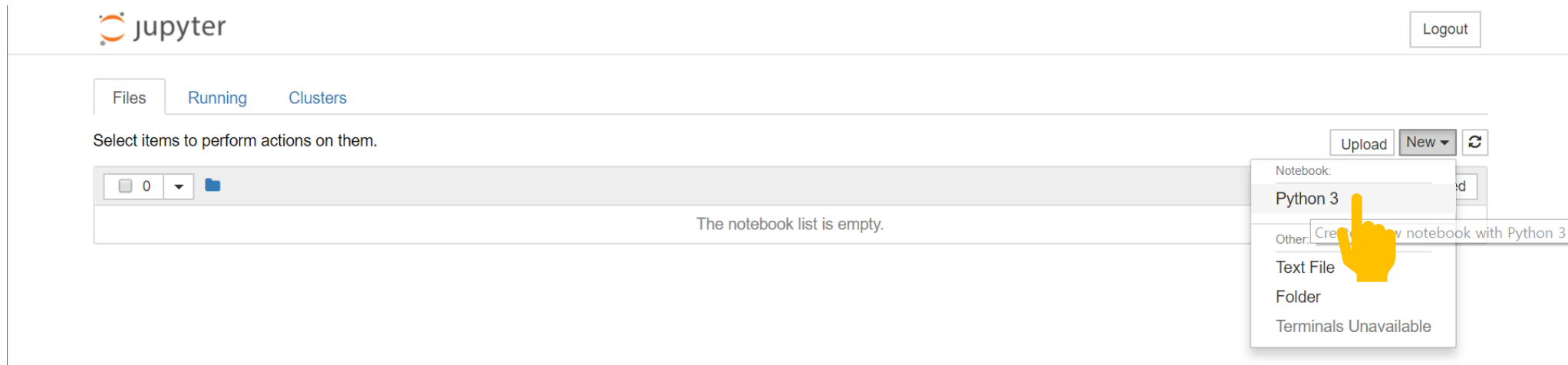
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```

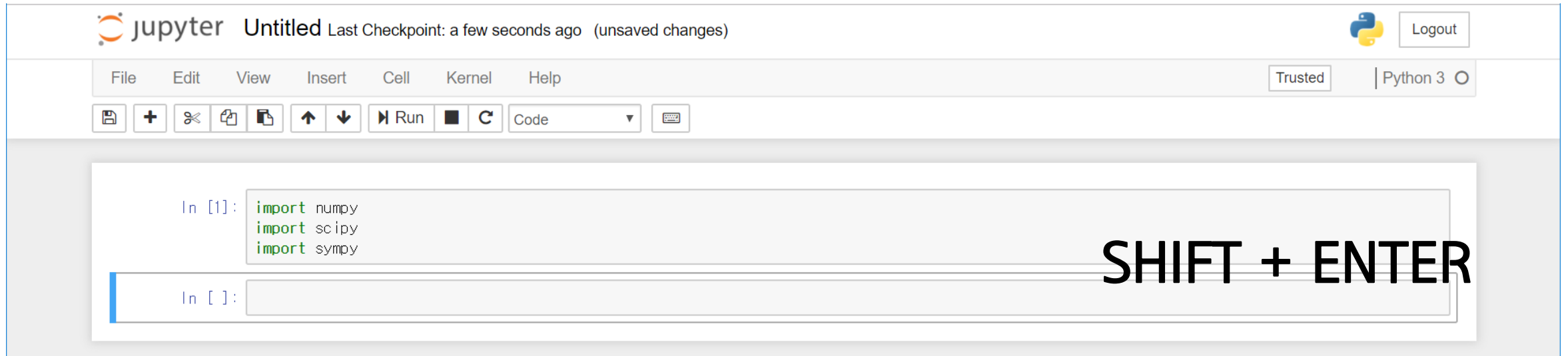
A terminal window titled "temp — jupyter-notebook — 80x24" with standard macOS window controls (red, yellow, green buttons). The terminal shows the command "jupyter notebook" being executed in a shell. The output consists of several log messages from the "NotebookApp" process, including the local directory being served, the number of active kernels, the URL the notebook is running on, and instructions to use Control-C to stop the server. A URL is printed for the first-time login. Finally, a message indicates that a one-time-token-authenticated connection is being accepted from the local host. The terminal text is as follows:

```
[(fastcampus) -MacBook:temp jacob$ jupyter notebook ]  
[I 12:16:29.975 NotebookApp] Serving notebooks from local directory: /Users/jacob/Dropbox/temp  
[I 12:16:29.975 NotebookApp] 0 active kernels  
[I 12:16:29.976 NotebookApp] The Jupyter Notebook is running at: http://localhost:8888/?token=78b15cfbb8c5bbfb4a2612b288b225fe764cabe46d4f0888  
[I 12:16:29.976 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).  
[C 12:16:29.983 NotebookApp]  
  
Copy/paste this URL into your browser when you connect for the first time,  
to login with a token:  
http://localhost:8888/?token=78b15cfbb8c5bbfb4a2612b288b225fe764cabe46d4f0888  
[I 12:16:30.749 NotebookApp] Accepting one-time-token-authenticated connection from ::1
```

PYTHON3 SCRIPT 실행



라이브러리 정상 설치 확인



The image shows a Jupyter Notebook interface. At the top, the header bar includes the Jupyter logo, the text "jupyter", and "Untitled Last Checkpoint: a few seconds ago (unsaved changes)". On the right of the header are a Python logo, a "Logout" button, and a "Trusted" status indicator. Below the header is a menu bar with "File", "Edit", "View", "Insert", "Cell", "Kernel", and "Help". Underneath the menu bar is a toolbar with icons for saving, creating a new file, opening a recent file, copying, pasting, undo, redo, and a "Run" button. To the right of the toolbar is a dropdown menu currently set to "Code". The main area of the notebook contains two code cells. The first cell, labeled "In [1]:", contains the following code:

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