

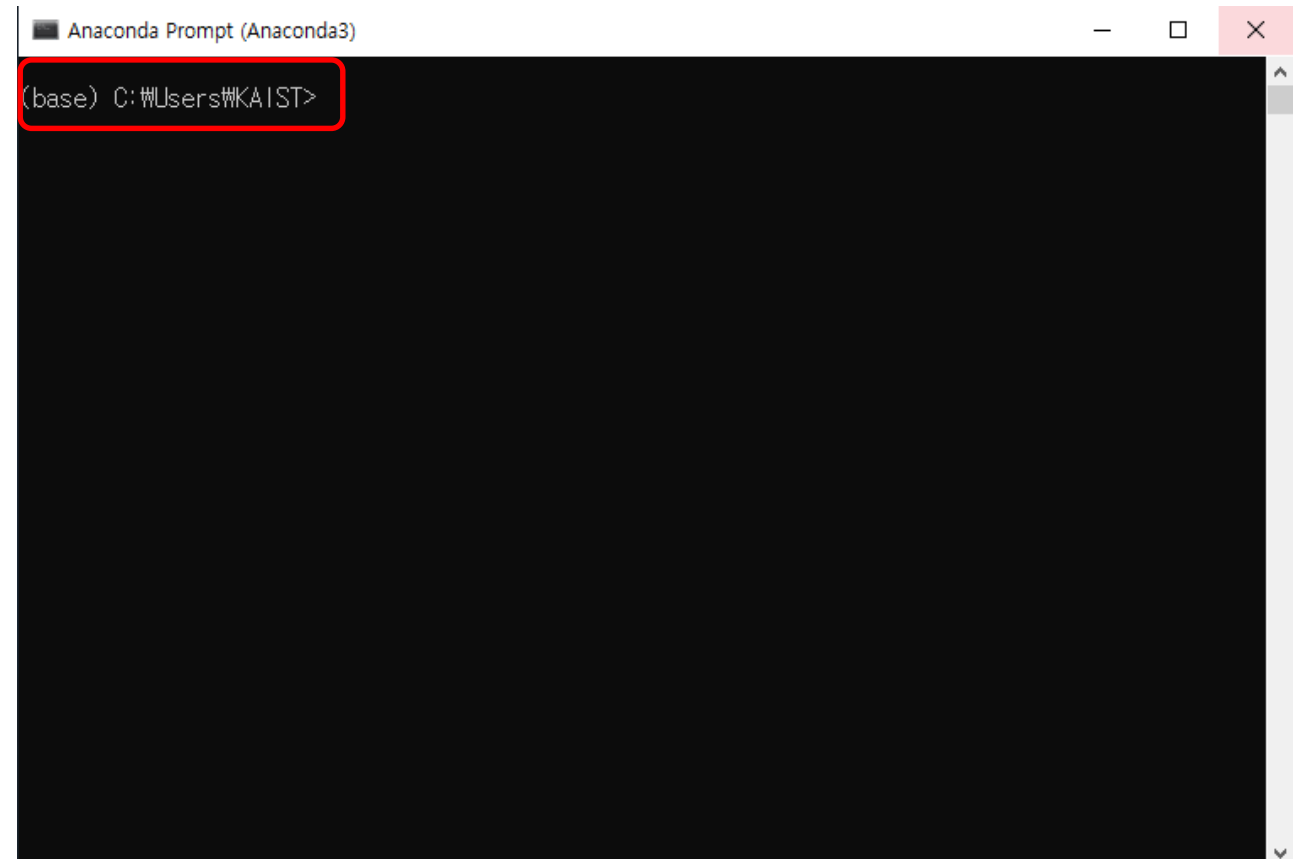
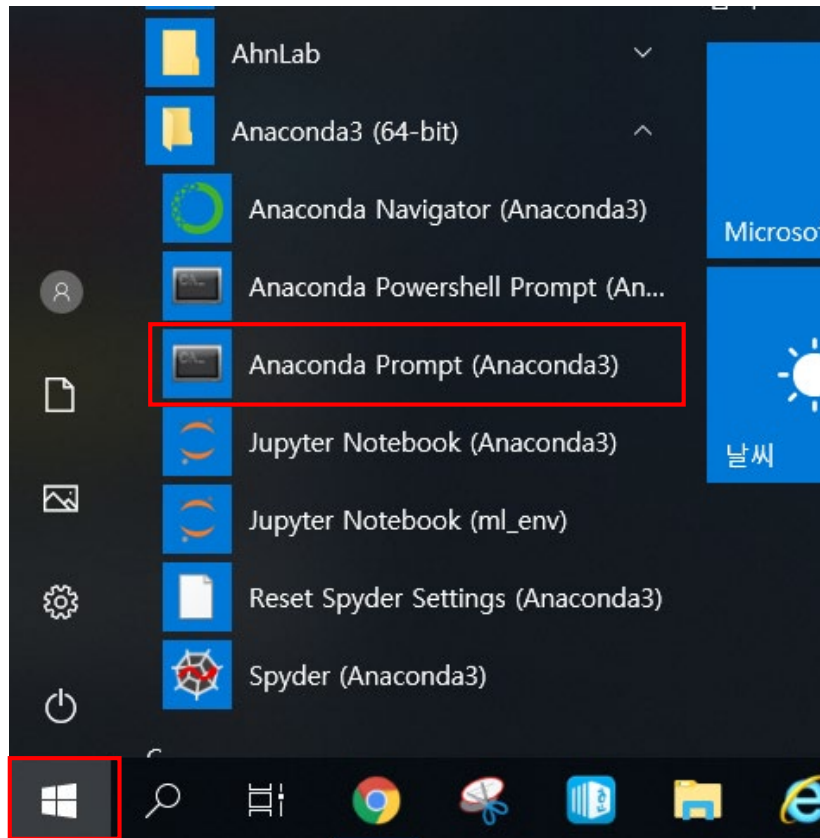
# 경제학자가 추려낸 인공지능 코딩을 위한 실용 파이션 I-1

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## 4. Additional libraries and TensorFlow

- Open Anaconda prompt



## 4. Additional libraries and TensorFlow

- Anaconda key commands

Commands	Function
>conda list	List all libraries installed in an environment.
>conda create -n ml_env python=3.7	Creating a new virtual environment, ml_env. Not specifying python version? Newest one!
>conda env list	List all existing virtual environments.
>conda env remove -n ml_env	Remove the environment and all packages in it.
>conda activate ml_env	Entering into the virtual environment, ml_env.
>conda deactivate	Closing ml_env and getting out of it.
>conda --version	Checking anaconda version that you are using.
>python --version	Checking Python version that you are using.
>exit	Closing Anaconda prompt window

# 4. Additional libraries and TensorFlow

- (base) C:\Users\KAIST> conda create -n ml\_env python=3.8

```
(base) C:\Users\KAIST>conda create -n ml_env python=3.8
Collecting package metadata (current_repodata.json): done
Solving environment: done

==> WARNING: A newer version of conda exists. <==
  current version: 4.7.10
  latest version: 4.7.11

Please update conda by running

    $ conda update -n base -c defaults conda

## Package Plan ##

  environment location: C:\Users\KAIST\Anaconda3\envs\ml_env

added / updated specs:
- python=3.8

The following packages will be downloaded:
```

package	build	size
certifi-2019.6.16	py36_1	156 KB
pip-19.2.2	py36_0	1.9 MB
python-3.8.9	h5500b2f_0	20.4 MB
setuptools-41.0.1	py36_0	521 KB
vs2015_runtime-14.16.27012	hf0eaf9b_0	2.4 MB
wheel-0.33.4	py36_0	57 KB
wincertstore-0.2	py36h7fe50ca_0	14 KB
Total:		25.4 MB

```
The following NEW packages will be INSTALLED:

certifi      pkgs/main/win-64::certifi-2019.6.16-py36_1
pip          pkgs/main/win-64::pip-19.2.2-py36_0
python      pkgs/main/win-64::python-3.8.9-h5500b2f_0
setuptools   pkgs/main/win-64::setuptools-41.0.1-py36_0
sqlite      pkgs/main/win-64::sqlite-3.29.0-he774522_0
vc          pkgs/main/win-64::vc-14.1-h0510ff6_4
vs2015_runtime pkgs/main/win-64::vs2015_runtime-14.16.27012-hf0eaf9b_0
wheel       pkgs/main/win-64::wheel-0.33.4-py36_0
wincertstore pkgs/main/win-64::wincertstore-0.2-py36h7fe50ca_0

Proceed ([y]/n)? y

Downloading and Extracting Packages
vs2015_runtime-14.16 | 2.4 MB | ##### | 100%
pip-19.2.2           | 1.9 MB | ##### | 100%
setuptools-41.0.1    | 521 KB | ##### | 100%
certifi-2019.6.16    | 156 KB | ##### | 100%
python-3.8.9         | 20.4 MB | ##### | 100%
wheel-0.33.4         | 57 KB  | ##### | 100%
wincertstore-0.2     | 14 KB  | ##### | 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done

# To activate this environment, use
#
#     $ conda activate ml_env
#
# To deactivate an active environment, use
#
#     $ conda deactivate
#

(base) C:\Users\KAIST>
```