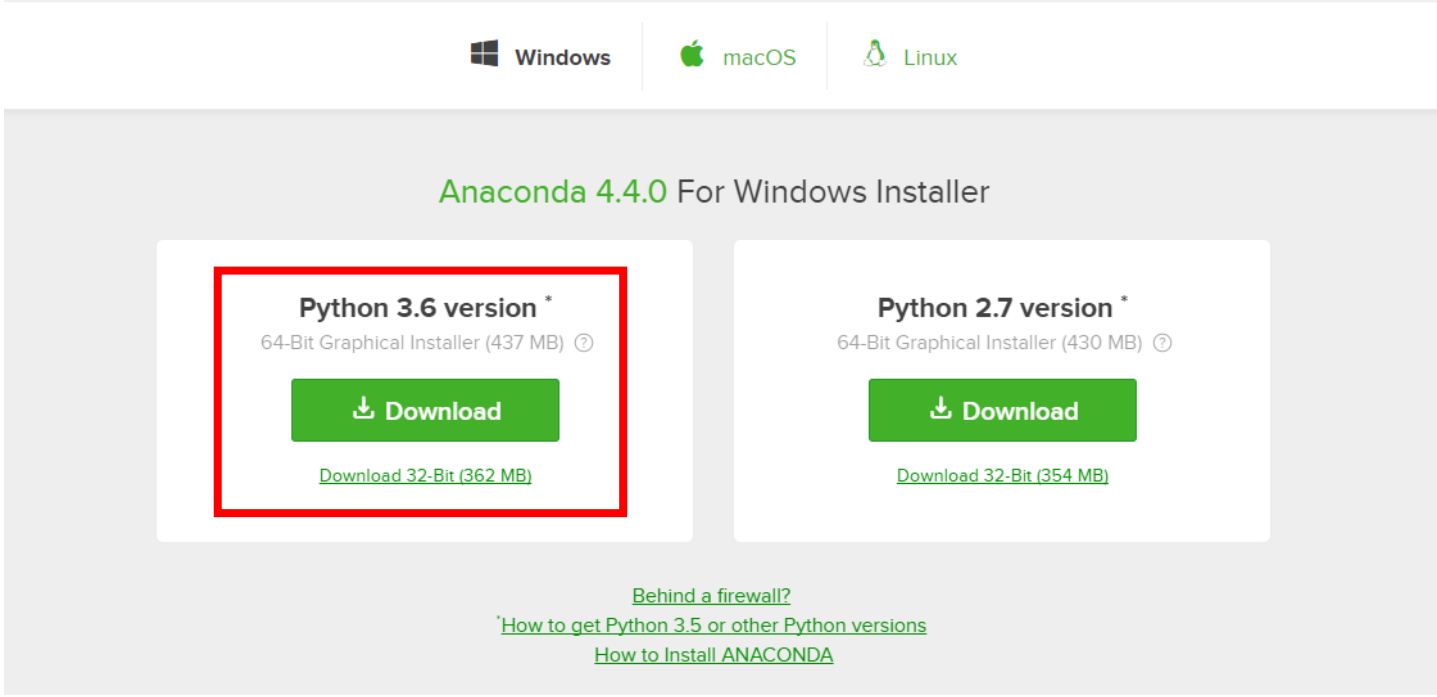
Lecture 0
Python Setup

Jaeyun Kang

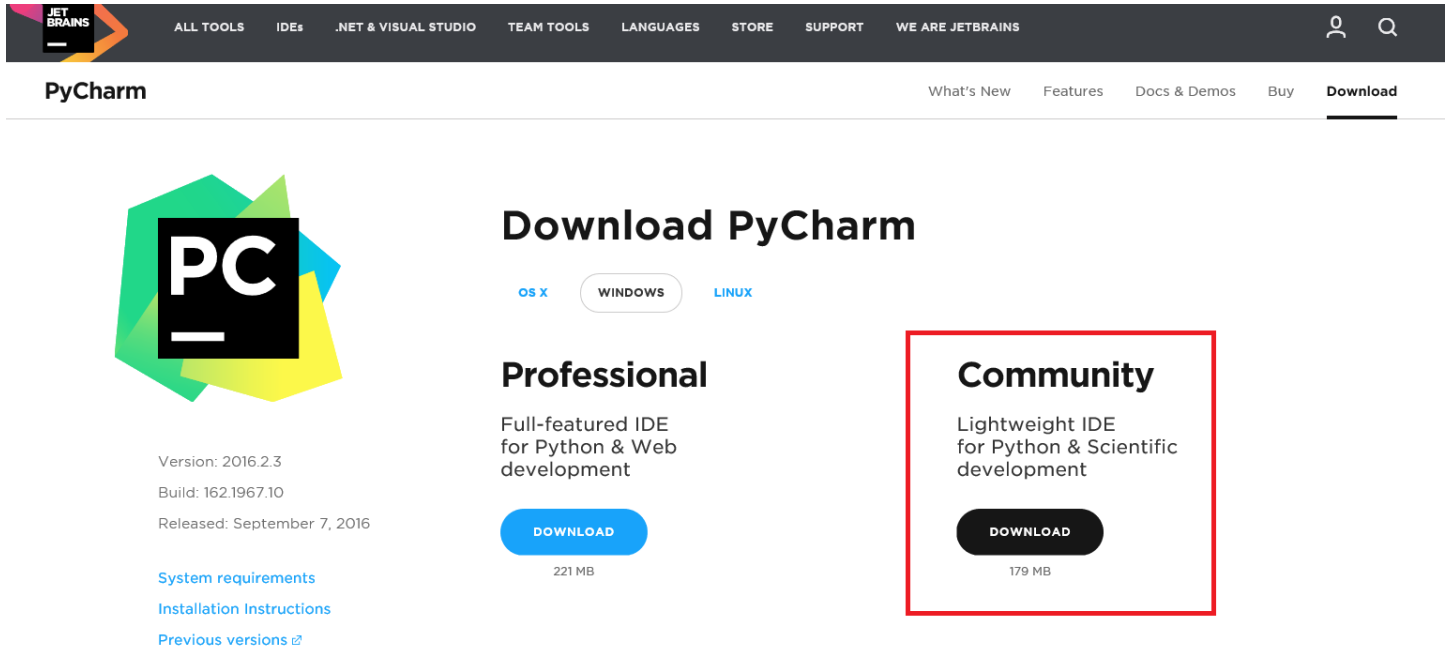
Python Installation

- Link : https://www.continuum.io/downloads#windows
- Python package installation via Anaconda

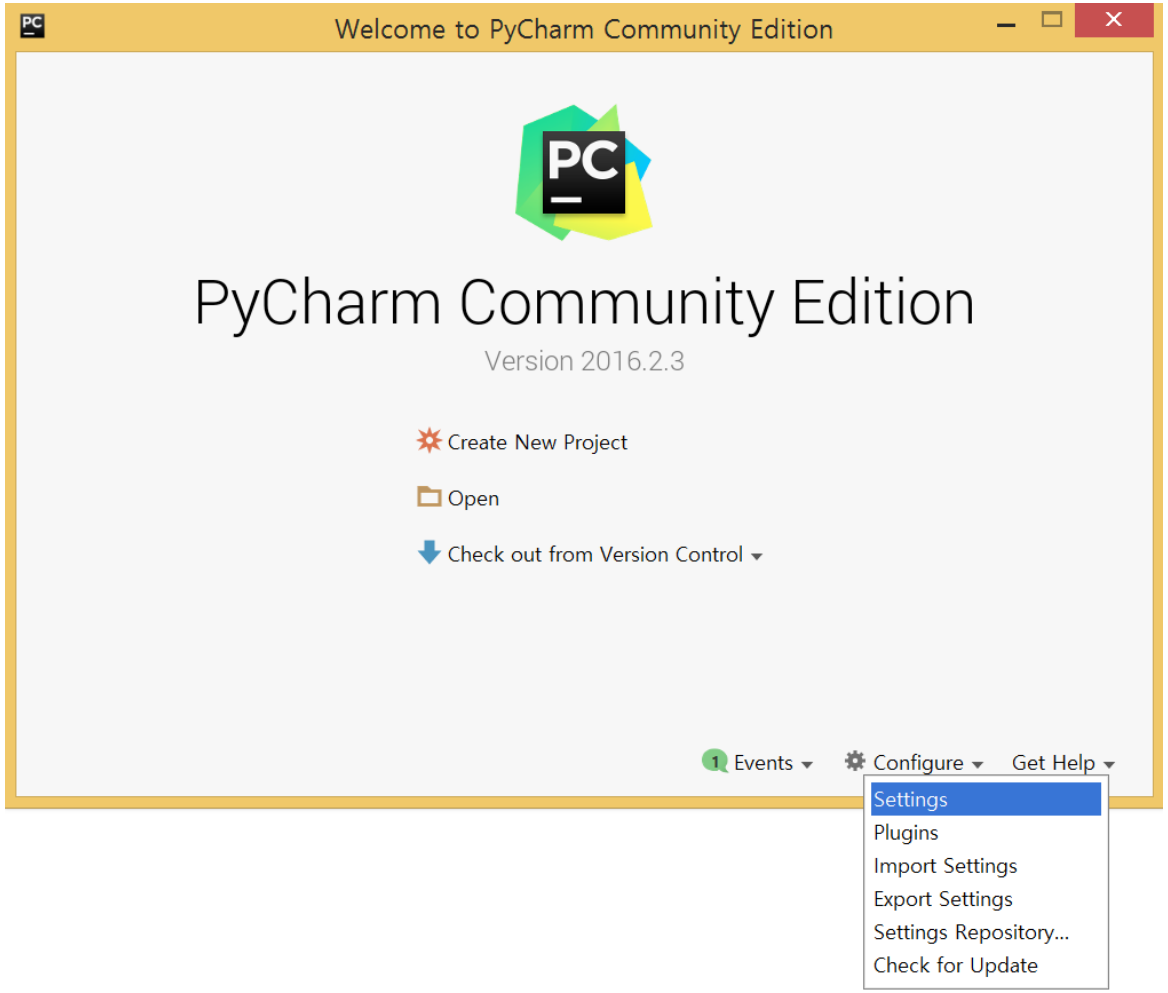


Python Editor Installation

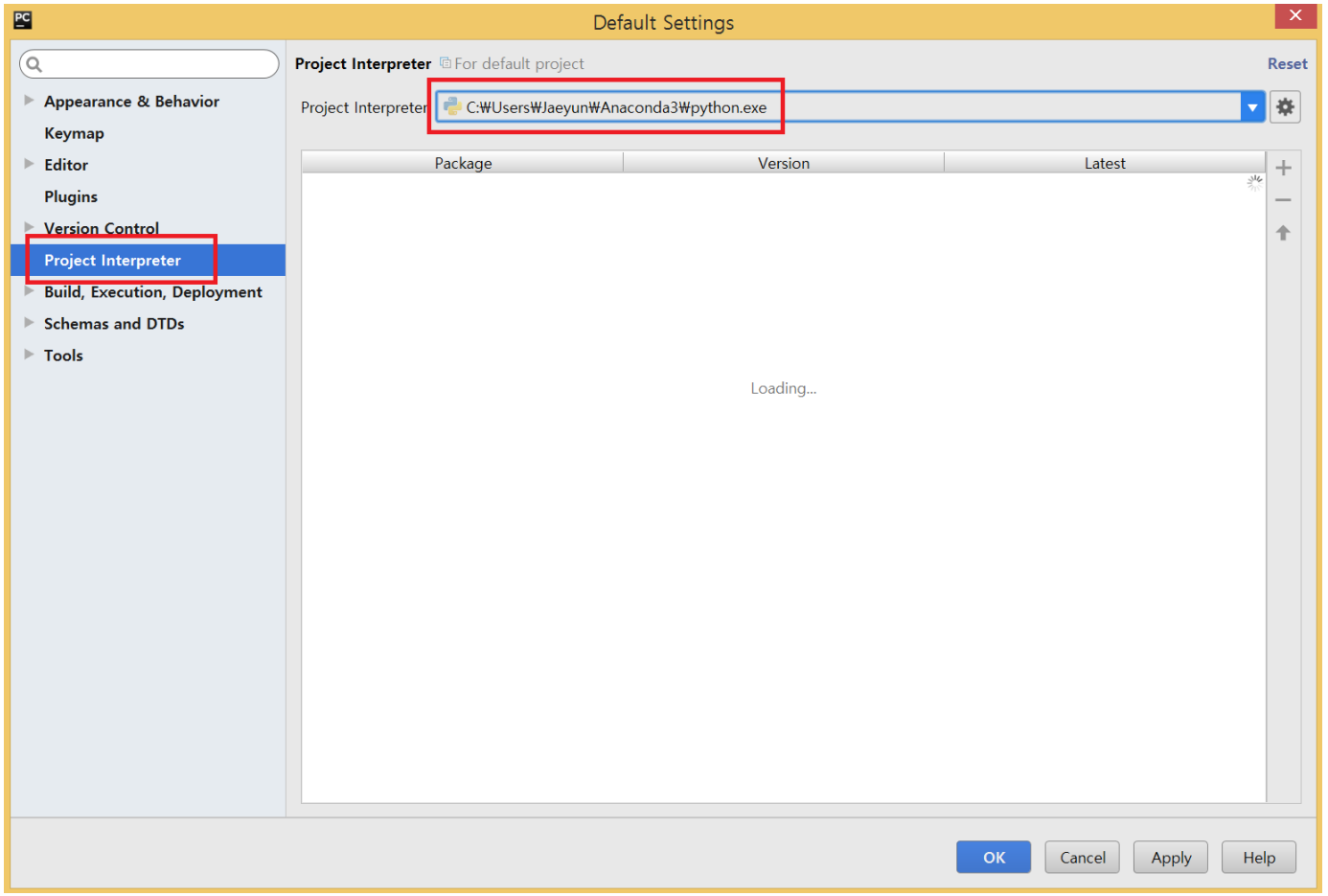
- Link : https://www.jetbrains.com/pycharm/download/



Pycharm


Welcome to PyCharm Community Edition
PyCharm Community Edition
Version 2016.2.3
Create New Project
Open
Check out from Version Control
Events
Configure
Get Help
Settings
Plugins
Import Settings
Export Settings
Settings Repository...
Check for Update

Pycharm


Default Settings
Appearance & Behavior
Keymap
Editor
Plugins
Version Control
Project Interpreter
Build, Execution, Deployment
Schemas and DTDs
Tools
Project Interpreter
For default project
Reset
Project Interpreter:
C:₩Users₩Jaeyun₩Anaconda3₩python.exe
Package
Version
Latest
Loading...
OK
Cancel
Apply
Help

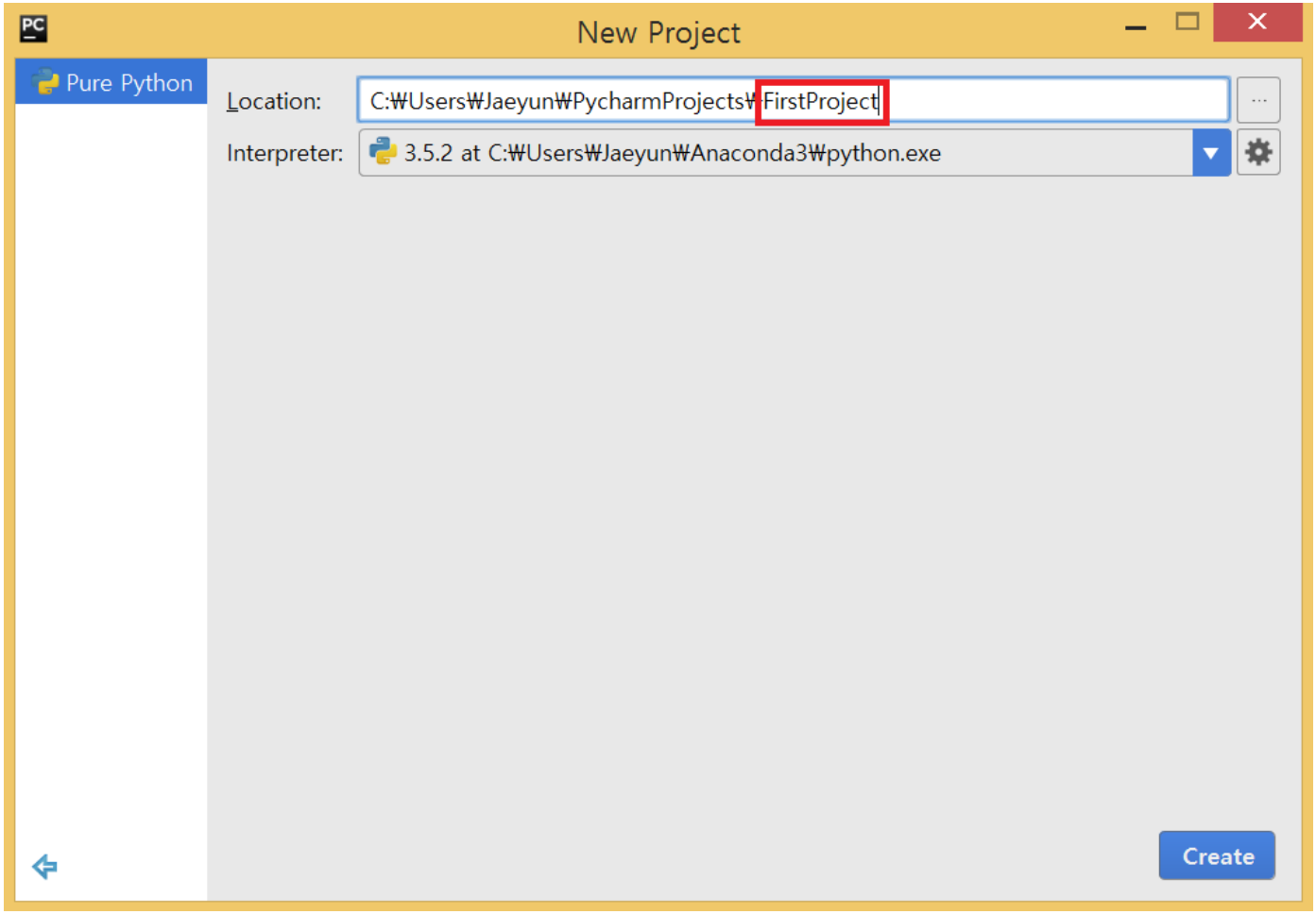
Pycharm

Welcome to PyCharm Community Edition
PyCharm Community Edition
Updating Python Interpreter
...₩python.exe...
Background
pandas.util._move
Open
Check out from Version Control
Events
Configure
Get Help

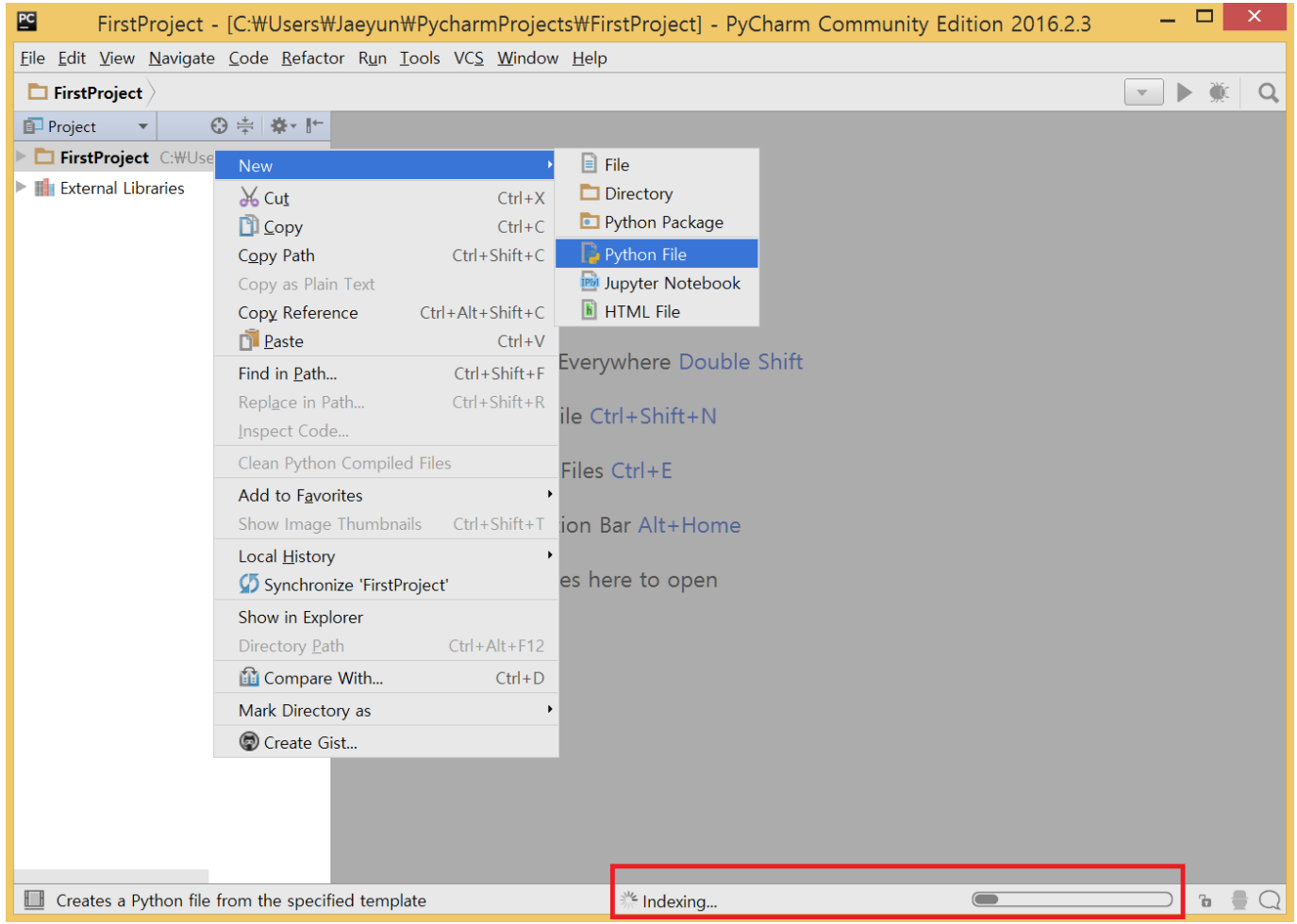
Pycharm

Welcome to PyCharm Community Edition
PyCharm Community Edition
Version 2016.2.3
Create New Project
Open
Check out from Version Control
Events
Configure
Get Help

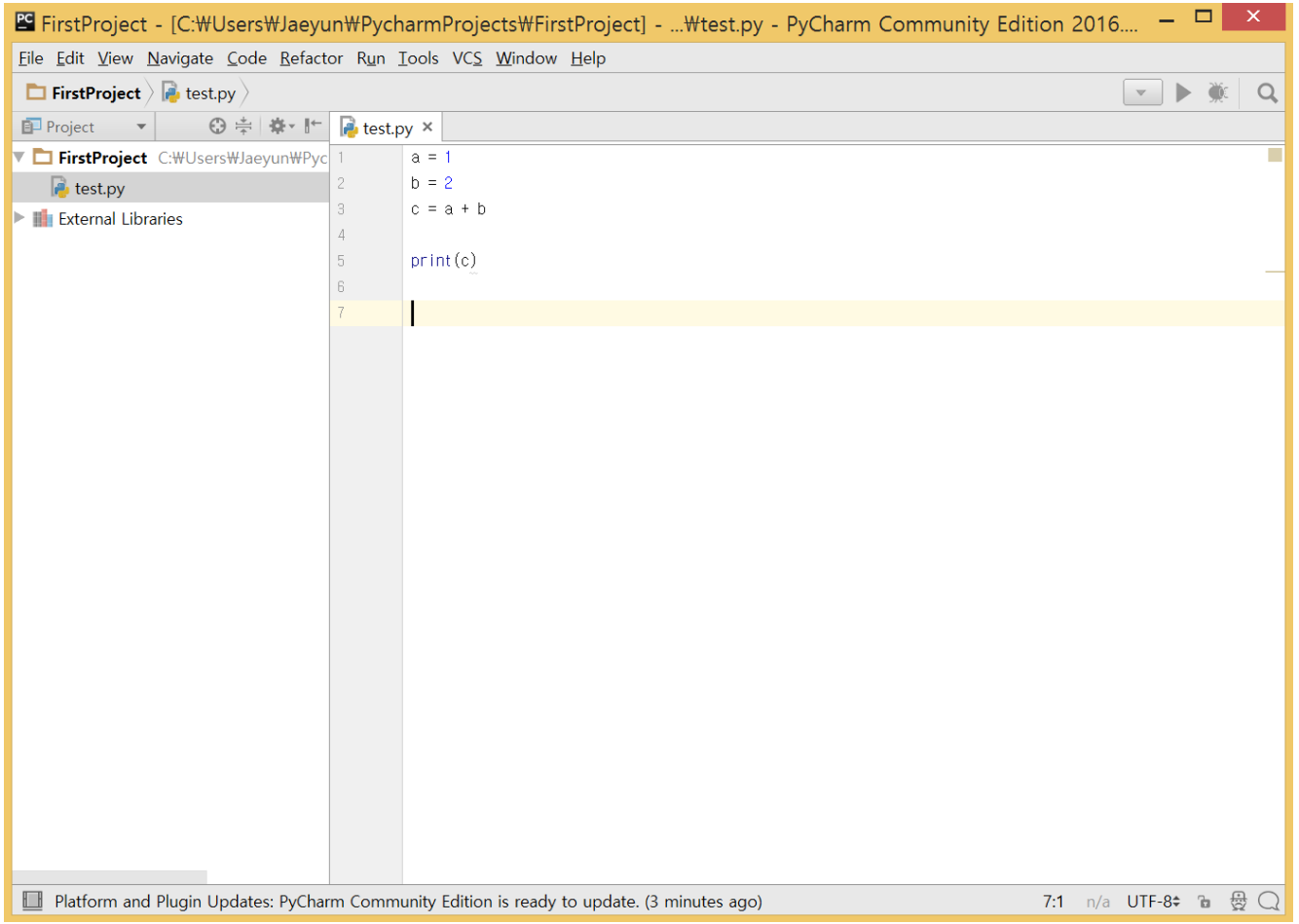
Pycharm


New Project
Pure Python
Location:
C:₩Users₩Jaeyun₩PycharmProjects₩FirstProject
Interpreter:
3.5.2 at C:₩Users₩Jaeyun₩Anaconda3₩python.exe
Create

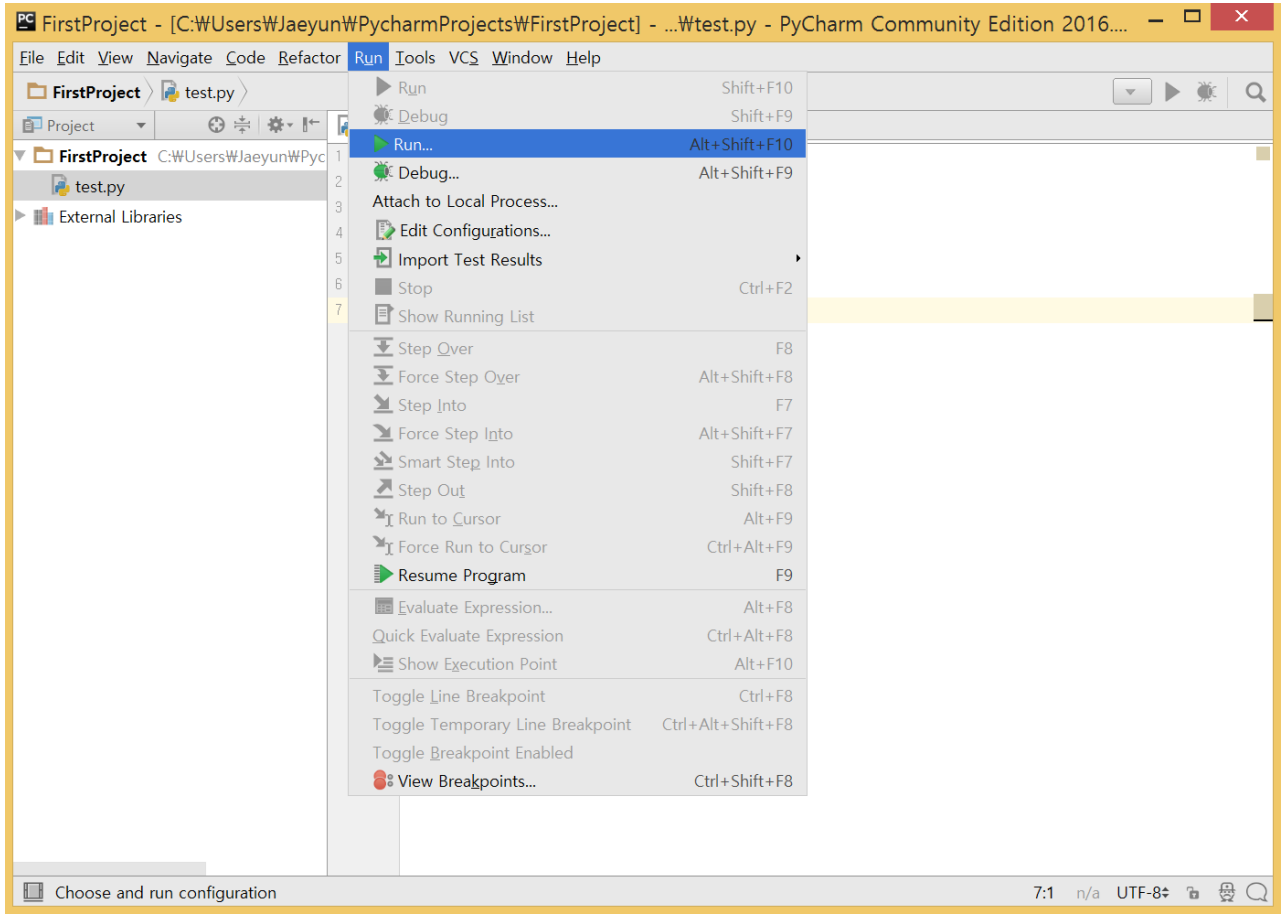
Pycharm


FirstProject - [C:₩Users₩Jaeyun₩PycharmProjects₩FirstProject] - PyCharm Community Edition 2016.2.3
File Edit View Navigate Code Refactor Run Tools VCS Window Help
FirstProject
Project
FirstProject C:₩Use
External Libraries
New
Cut Ctrl+X
Copy Ctrl+C
Copy Path Ctrl+Shift+C
Copy as Plain Text
Copy Reference Ctrl+Alt+Shift+C
Paste Ctrl+V
Find in Path... Ctrl+Shift+F
Replace in Path... Ctrl+Shift+R
Inspect Code...
Clean Python Compiled Files
Add to Favorites
Show Image Thumbnails Ctrl+Shift+T
Local History
Synchronize 'FirstProject'
Show in Explorer
Directory Path Ctrl+Alt+F12
Compare With... Ctrl+D
Mark Directory as
Create Gist...
File
Directory
Python Package
Python File
Jupyter Notebook
HTML File
Everywhere Double Shift
ile Ctrl+Shift+N
Files Ctrl+E
ion Bar Alt+Home
es here to open
Creates a Python file from the specified template
Indexing...

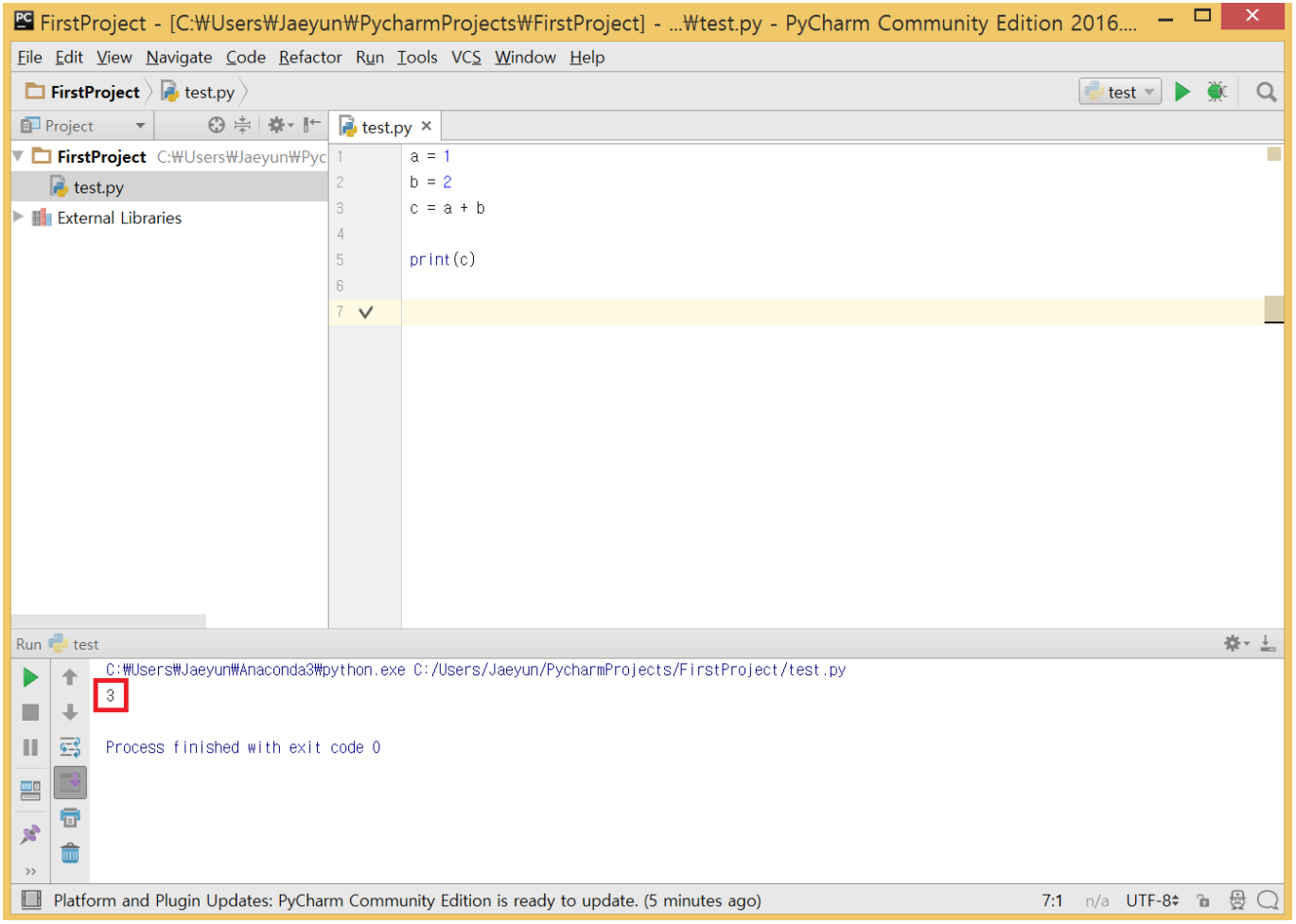
Pycharm


FirstProject - [C:₩Users₩Jaeyun₩PycharmProjects₩FirstProject] - ...₩test.py - PyCharm Community Edition 2016....
File Edit View Navigate Code Refactor Run Tools VCS Window Help
FirstProject
test.py
Project
test.py
FirstProject C:₩Users₩Jaeyun₩Pyc
test.py
External Libraries
1 a = 1
2 b = 2
3 c = a + b
4
5 print(c)
6
7
Platform and Plugin Updates: PyCharm Community Edition is ready to update. (3 minutes ago)
7:1
n/a
UTF-8

Pycharm


FirstProject - [C:₩Users₩Jaeyun₩PycharmProjects₩FirstProject] - ...₩test.py - PyCharm Community Edition 2016....
File Edit View Navigate Code Refactor Run Tools VCS Window Help
FirstProject test.py
Project
FirstProject C:₩Users₩Jaeyun₩Pyc
test.py
External Libraries
Run Shift+F10
Debug Shift+F9
Run... Alt+Shift+F10
Debug... Alt+Shift+F9
Attach to Local Process...
Edit Configurations...
Import Test Results
Stop Ctrl+F2
Show Running List
Step Over F8
Force Step Over Alt+Shift+F8
Step Into F7
Force Step Into Alt+Shift+F7
Smart Step Into Shift+F7
Step Out Shift+F8
Run to Cursor Alt+F9
Force Run to Cursor Ctrl+Alt+F9
Resume Program F9
Evaluate Expression... Alt+F8
Quick Evaluate Expression Ctrl+Alt+F8
Show Execution Point Alt+F10
Toggle Line Breakpoint Ctrl+F8
Toggle Temporary Line Breakpoint Ctrl+Alt+Shift+F8
Toggle Breakpoint Enabled
View Breakpoints... Ctrl+Shift+F8
Choose and run configuration
7:1 n/a UTF-8

Pycharm


FirstProject - [C:₩Users₩Jaeyun₩PycharmProjects₩FirstProject] - ...₩test.py - PyCharm Community Edition 2016....
File Edit View Navigate Code Refactor Run Tools VCS Window Help
FirstProject test.py
test
Project
test.py
FirstProject C:₩Users₩Jaeyun₩Pyc
test.py
External Libraries
1 a = 1
2 b = 2
3 c = a + b
4
5 print(c)
6
7
Run test
C:₩Users₩Jaeyun₩Anaconda3₩python.exe C:/Users/Jaeyun/PycharmProjects/FirstProject/test.py
3
Process finished with exit code 0
Platform and Plugin Updates: PyCharm Community Edition is ready to update. (5 minutes ago)
7:1 n/a UTF-8