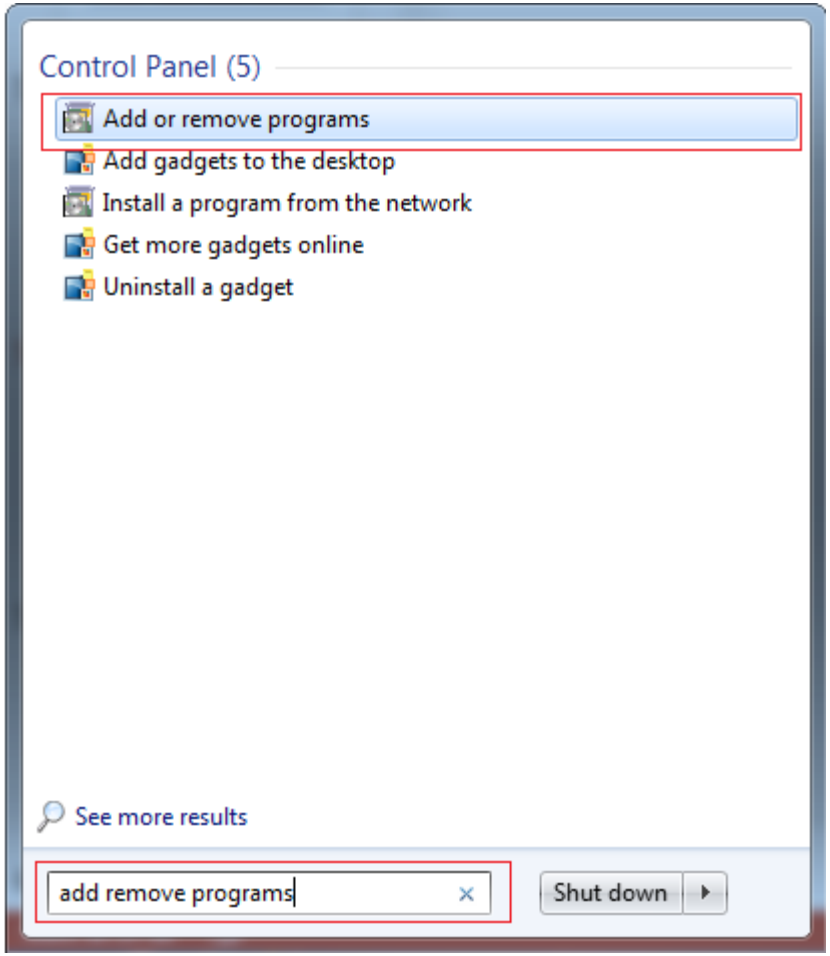
Machine Learning

Install Theano/TensorFlow/Keras

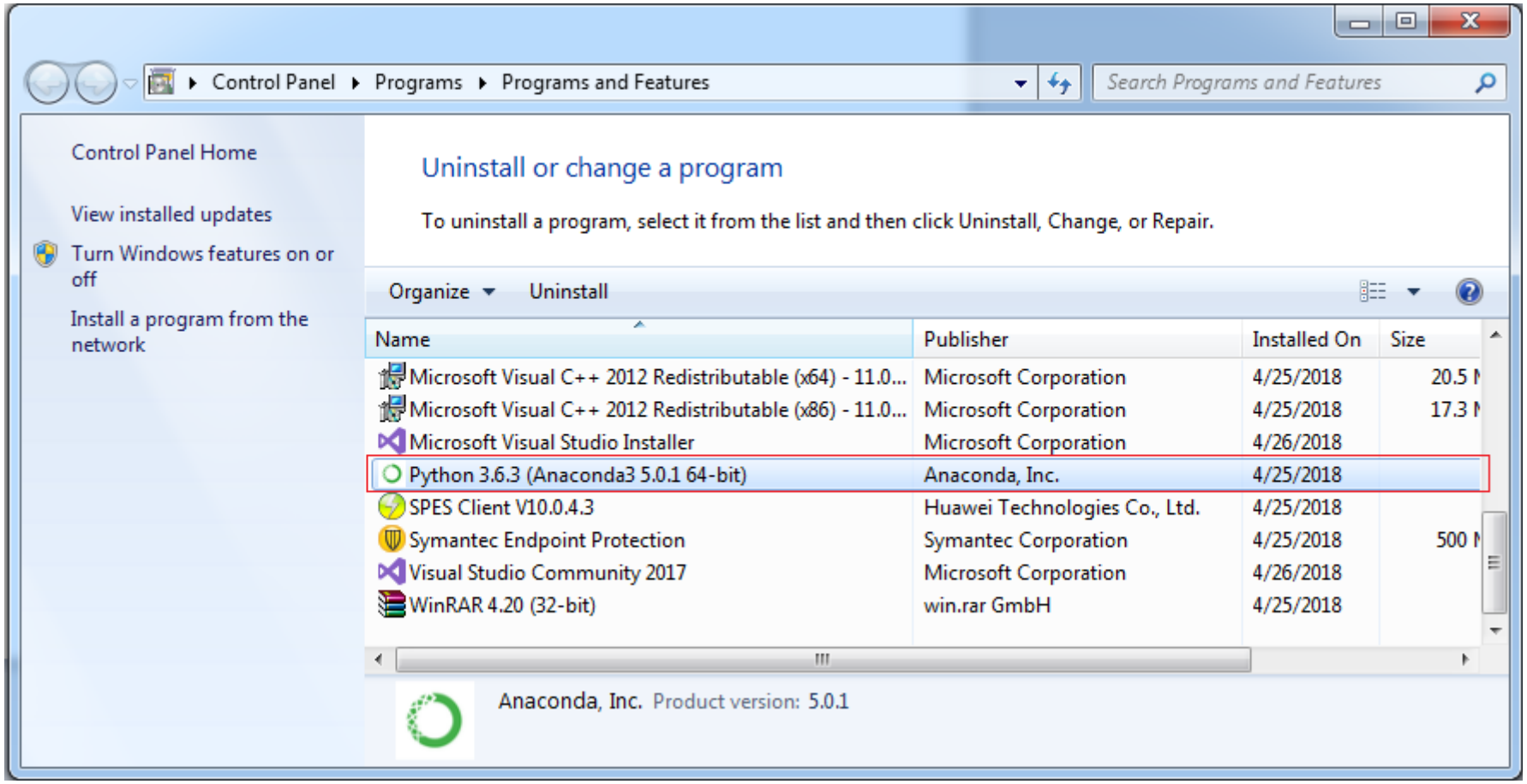
Installation Step-by-Step

- Open add remove programs.



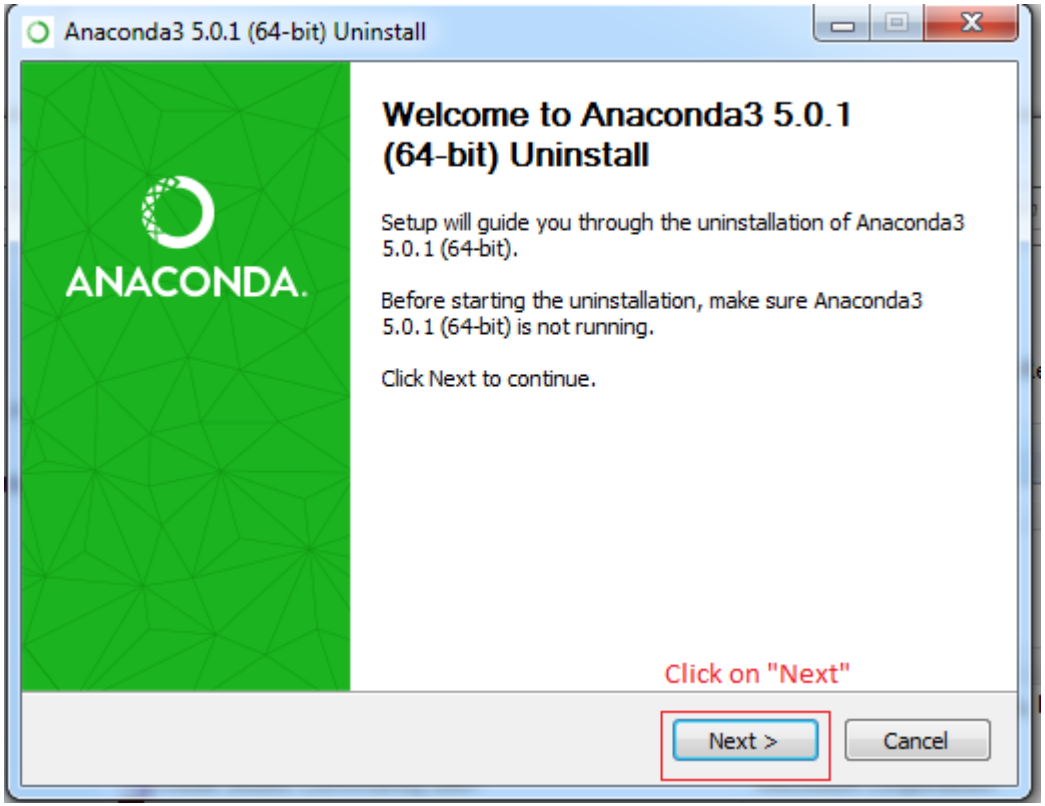
Installation Step-by-Step

- Click on “Python 3.6.3(Anaconda 3 5.0.1 64-bit)”



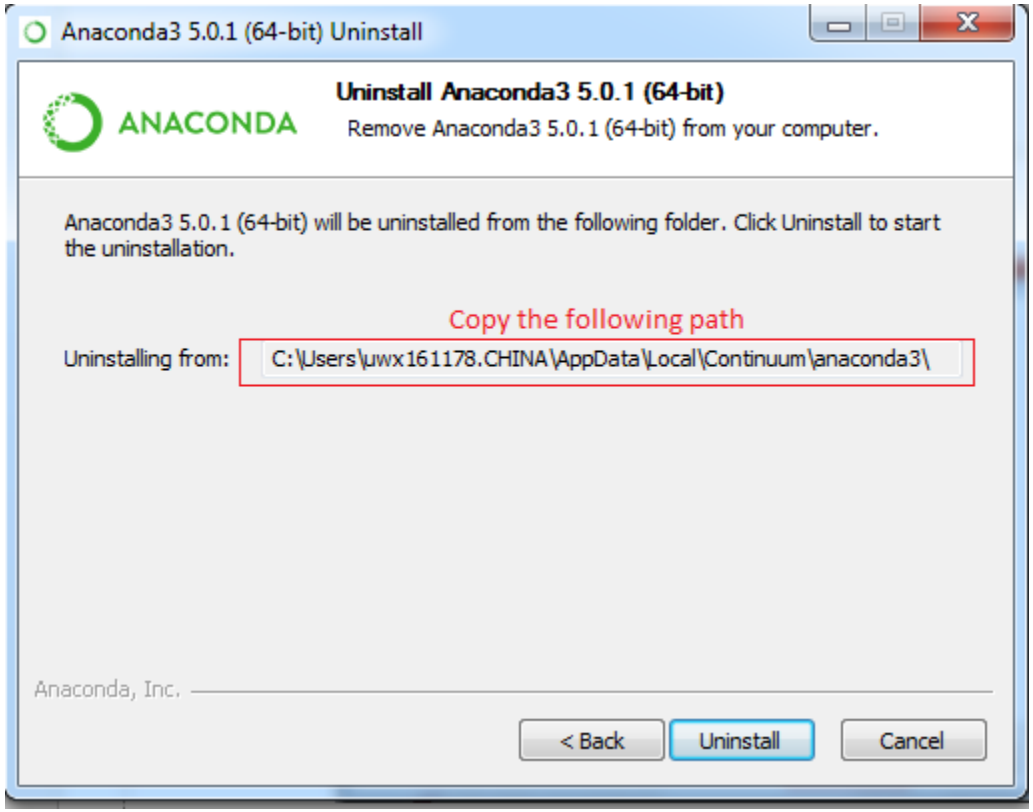
Installation Step-by-Step

- Click on “Next”.



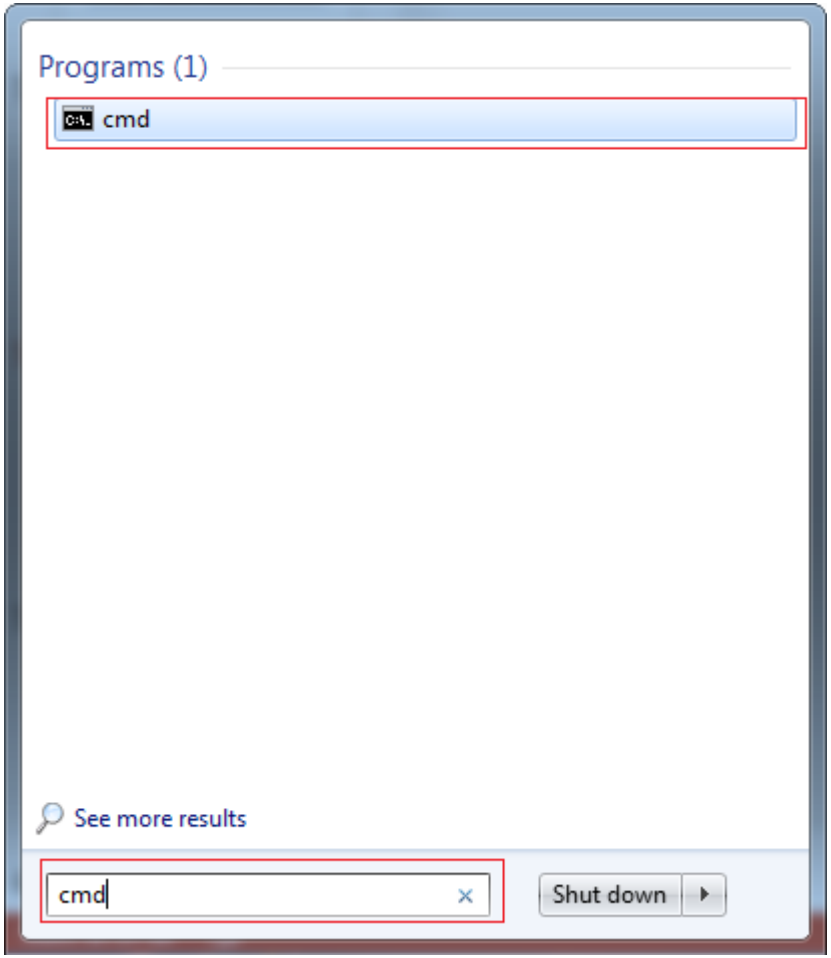
Installation Step-by-Step

- Copy the python installation path;



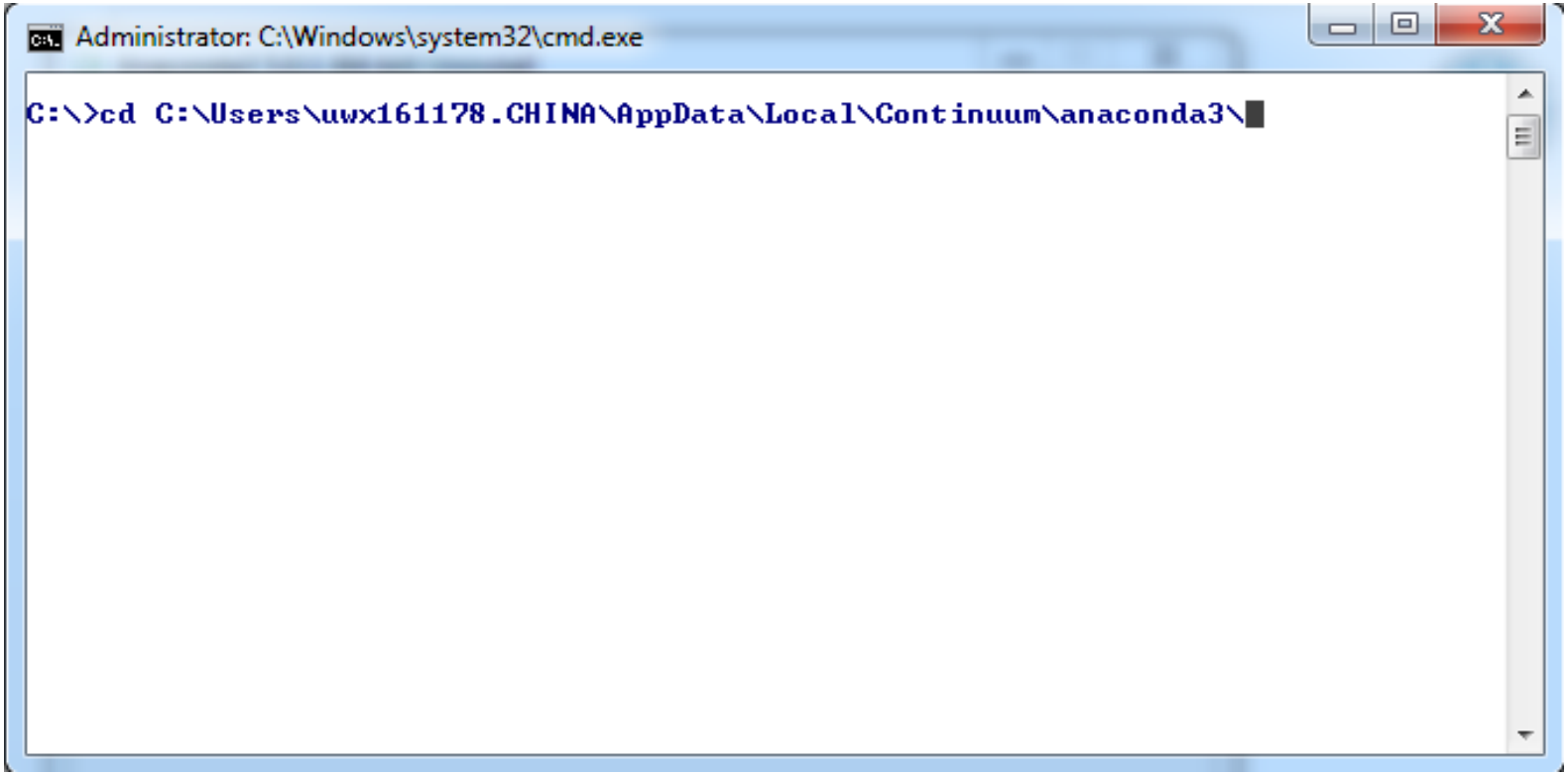
Installation Step-by-Step

- Open cmd.



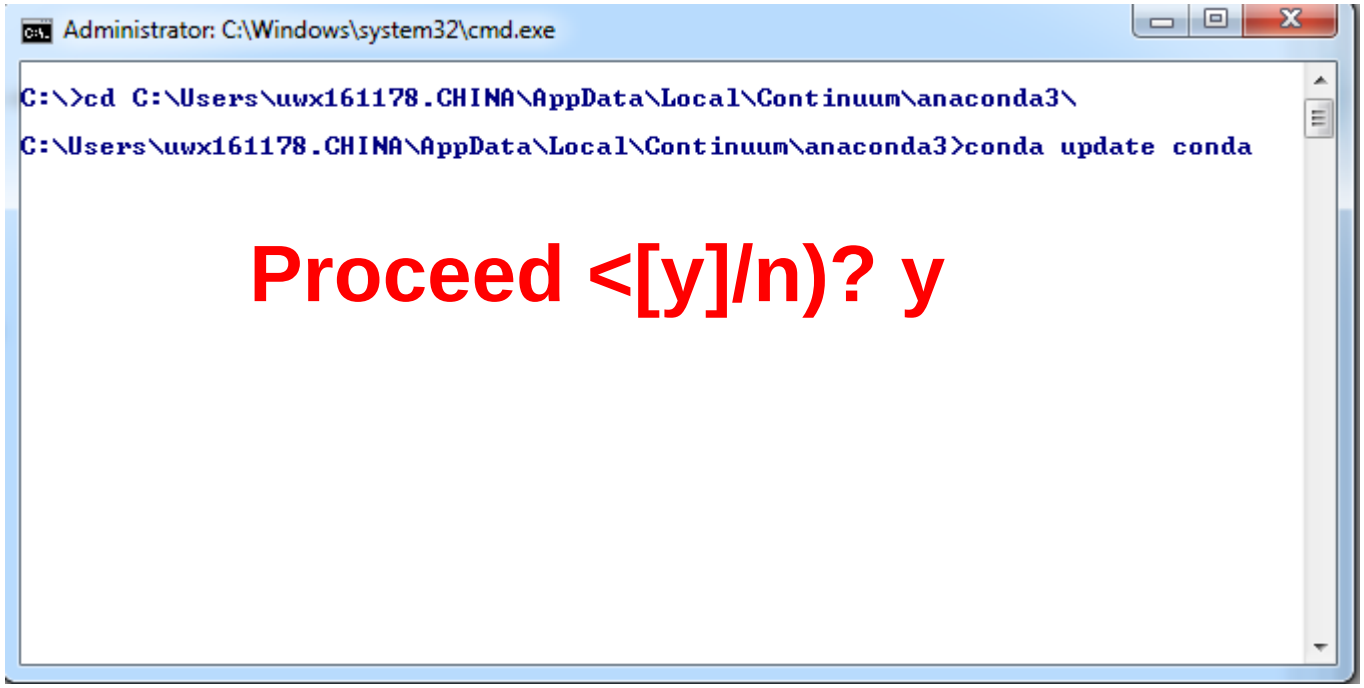
Installation Step-by-Step

- **Command-1**
- Run the following command on cmd;
- cd C:\Users\uwx161178.CHINA\AppData\Local\Continuum\anaconda3\



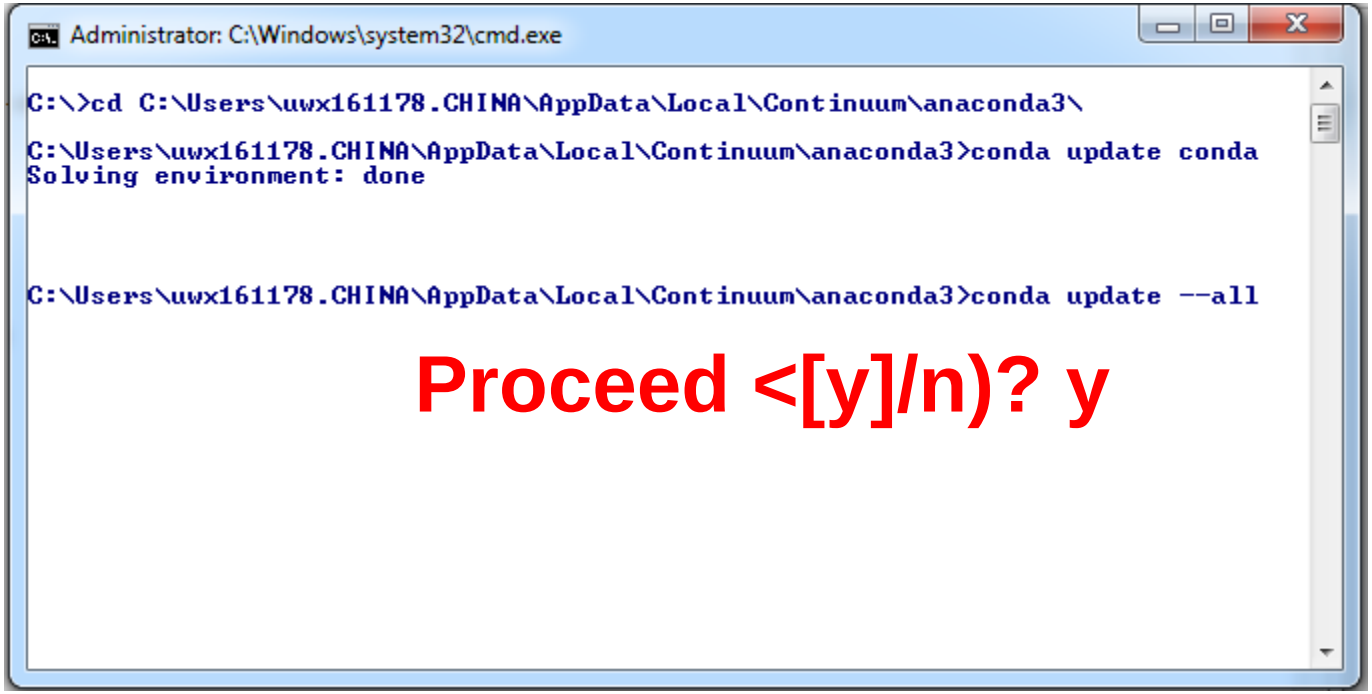
Installation Step-by-Step

- **Command-2**
- Run the following command on cmd;
- conda update conda



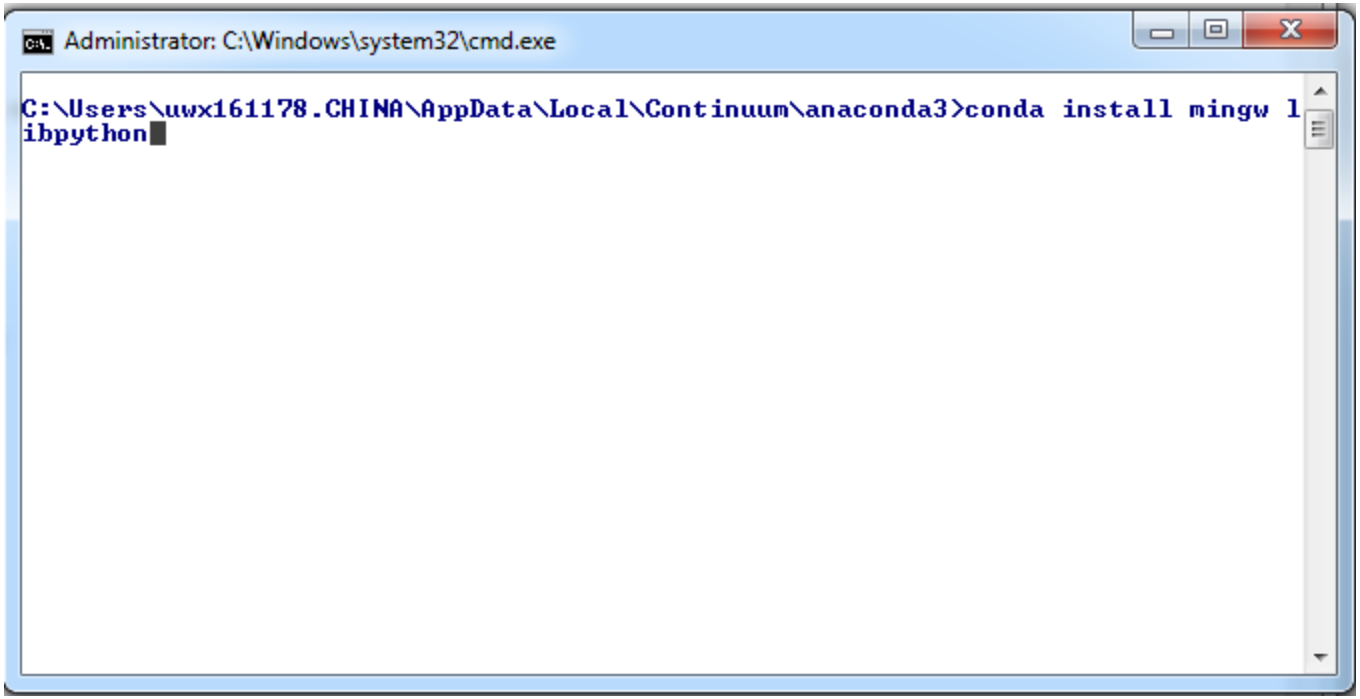
Installation Step-by-Step

- **Command-3**
- Run the following command on cmd;
- conda update --all



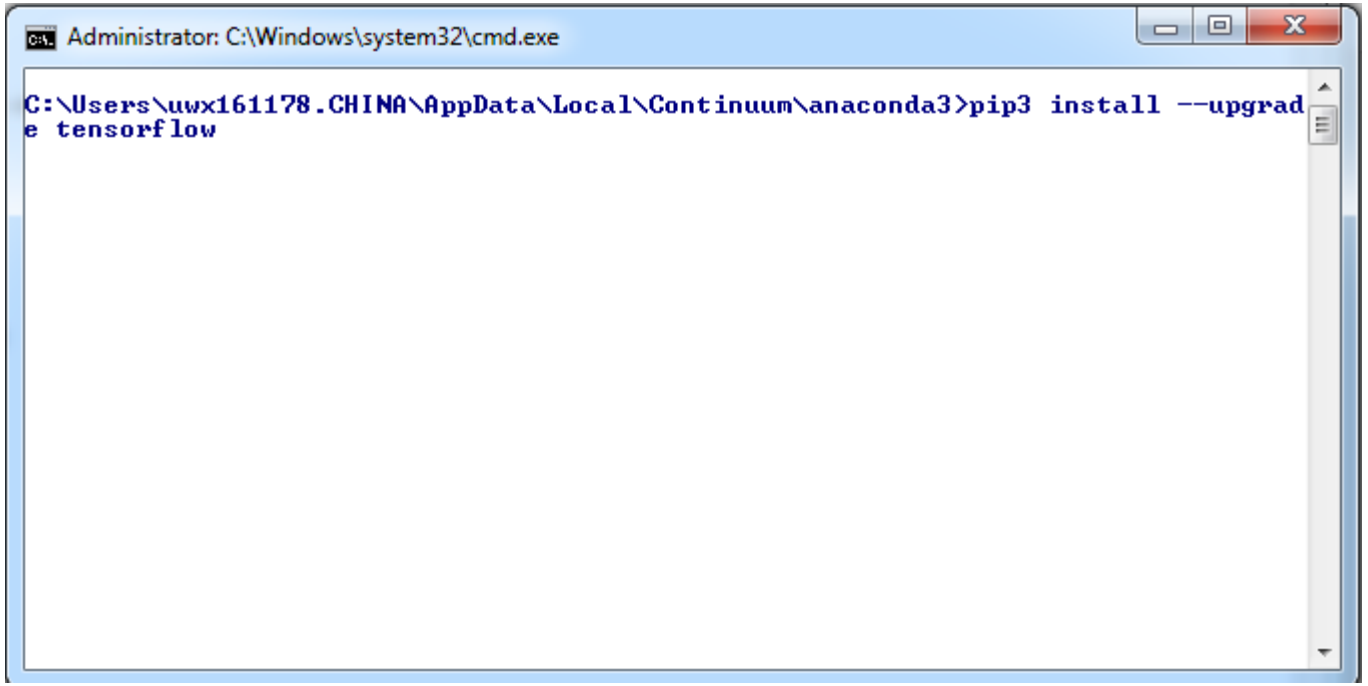
Installation Step-by-Step

- **Command-4**
- Run the following command on cmd;
- conda install mingw libpython



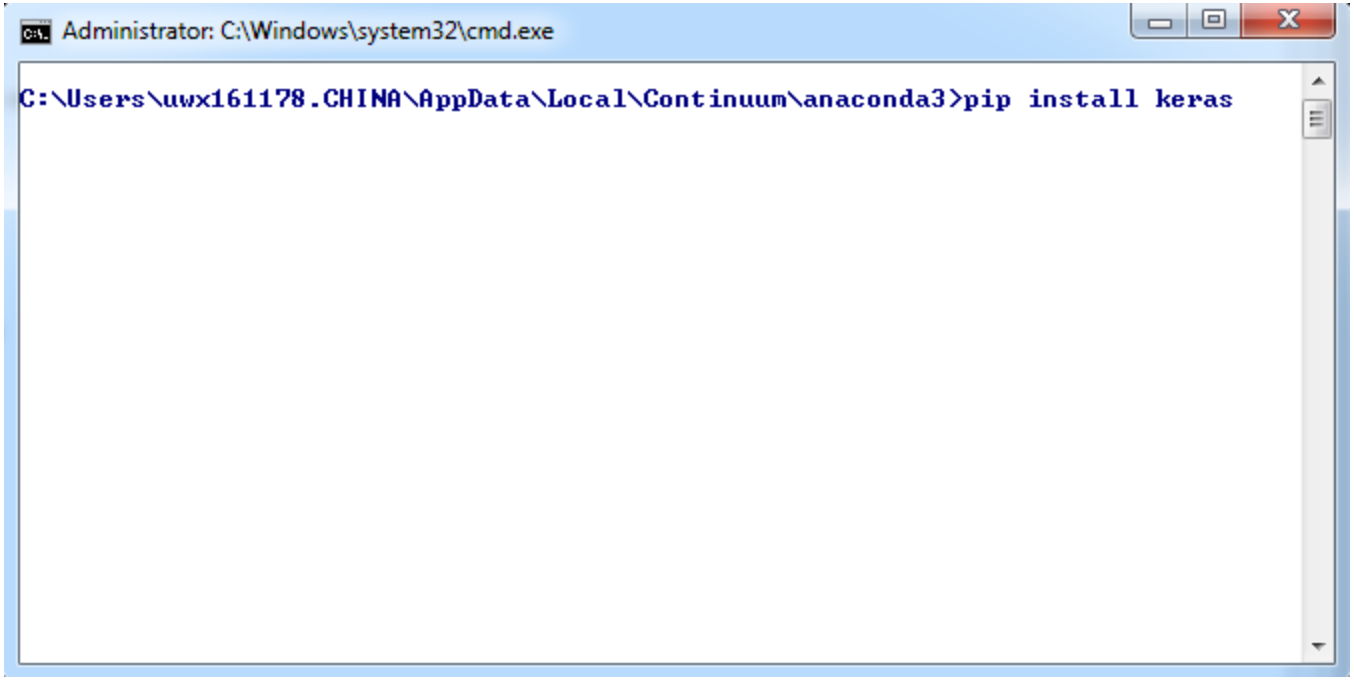
Installation Step-by-Step

- **Command-5**
- Run the following command on cmd;
- pip3 install --upgrade tensorflow



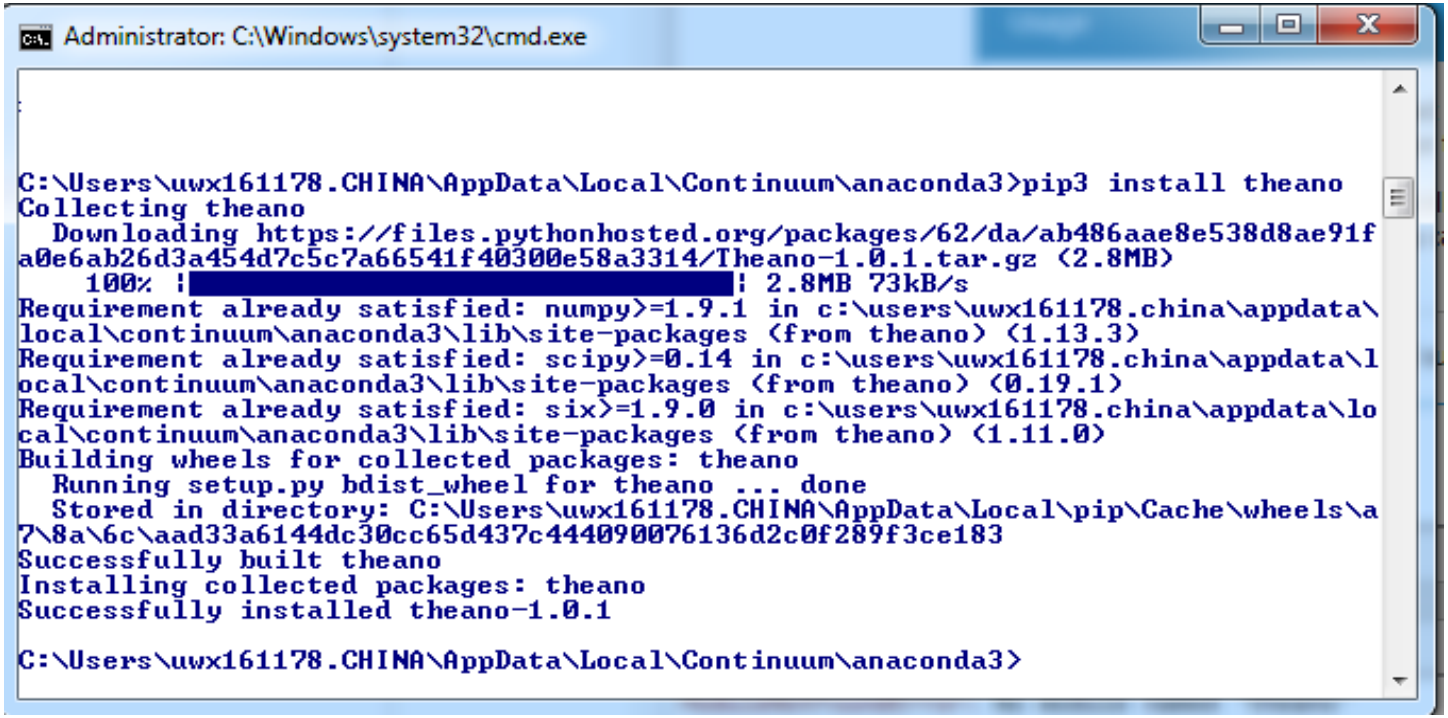
Installation Step-by-Step

- **Command-6**
- Run the following command on cmd;
- pip install keras



Installation Step-by-Step

- **Command-7**
- Run the following command on cmd;
- pip install pip3 install theano



Installation Step-by-Step

- Run the following code on Spyder, if no error its mean installation is ok.

```
import theano
import tensorflow as tf

hello = tf.constant('Hello, TensorFlow!')
sess = tf.Session()
print(sess.run(hello))
```

```
In [9]: import theano
   ...: import tensorflow as tf
   ...:
   ...: hello = tf.constant('Hello, TensorFlow!')
   ...: sess = tf.Session()
   ...: print(sess.run(hello))
b'Hello, TensorFlow!'
```