Once the environment is configured, you can test the routines.
There are a few simple routines available in the **jetson-gpio** folder.
You can input the following command to enter program directory.
cd /opt/nvidia/jetson-gpio/samples/

simple_input.py
The function of this program is to read the value of PIN12 and print it to the terminal for display.

Input following command to run program.
sudo python3 simple_input.py

Note:
-The 18 here refers to the BCM coding method, and the PIN12 above refers to the physical code, which is the code of the silk screen printed on the board.
-The working level of Jetson NANO pins is 3.3V, can't connect to the 5V level when using it.

After running the program, we can see the print information of the terminal. By default, the value of PIN18(BCM) is low level.
Using a DuPont line and connect the Pin12 to 3.3V. You can see that the read value becomes "HIGH". If connected to GND, it will print "LOW".

```
jetson@jetson-desktop:/opt/nvidia/jetson-gpio/samples$ sudo python3 simple_input.py
Starting demo now! Press CTRL+C to exit
Value read from pin 18 : LOW
Value read from pin 18 : HIGH
Value read from pin 18 : LOW
```