Pin reading function

Once the environment is configured, you can test the routines. Several simple routines are provided on Jetson gpio, and we can test them briefly by entering them into the sample program directory first

cd /opt/nvidia/jetson-gpio/samples/

Wiring diagram:

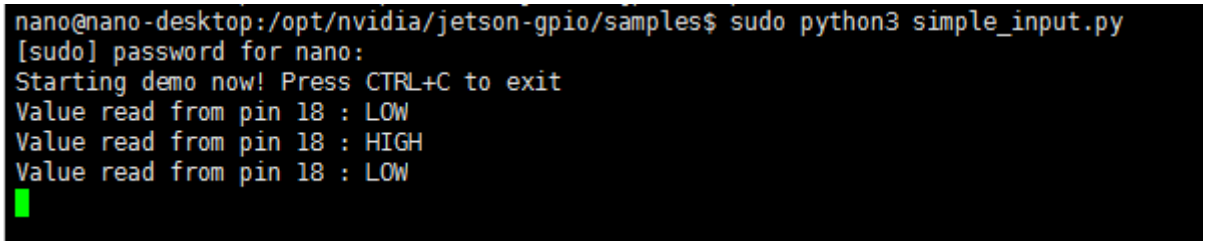
1、simple_input.py

This is a simple input program that can read the value of PIN18 and print it to the terminal.

run a program：

```
sudo python3 simple_input.py
```

desired result：
After running the program, you can see the terminal printing information. By default, the value of Pin18 is low. Find a DuPont cable to connect the hardware's designated pin 18 to 3.3V, which is the hardware's pin 17. You can see that the read value becomes HIGH. If it is connected to GND (connected to the hardware's pin 9), it will display LOW.



【Attention】

- The working level of the Jetson Orin NX pin is 3.3V, so try not to connect it to a 5V level when using it.