

# Read the battery level of the car

---

## 1. Experimental purpose

---

Realize the reading of the battery level of the car.

## 2. Experimental path source code

---

Enter the car system, end the car program, enter "ip (ip is the car's ip): 8888" in the browser, enter the password "yahboom"



Password:

Log in

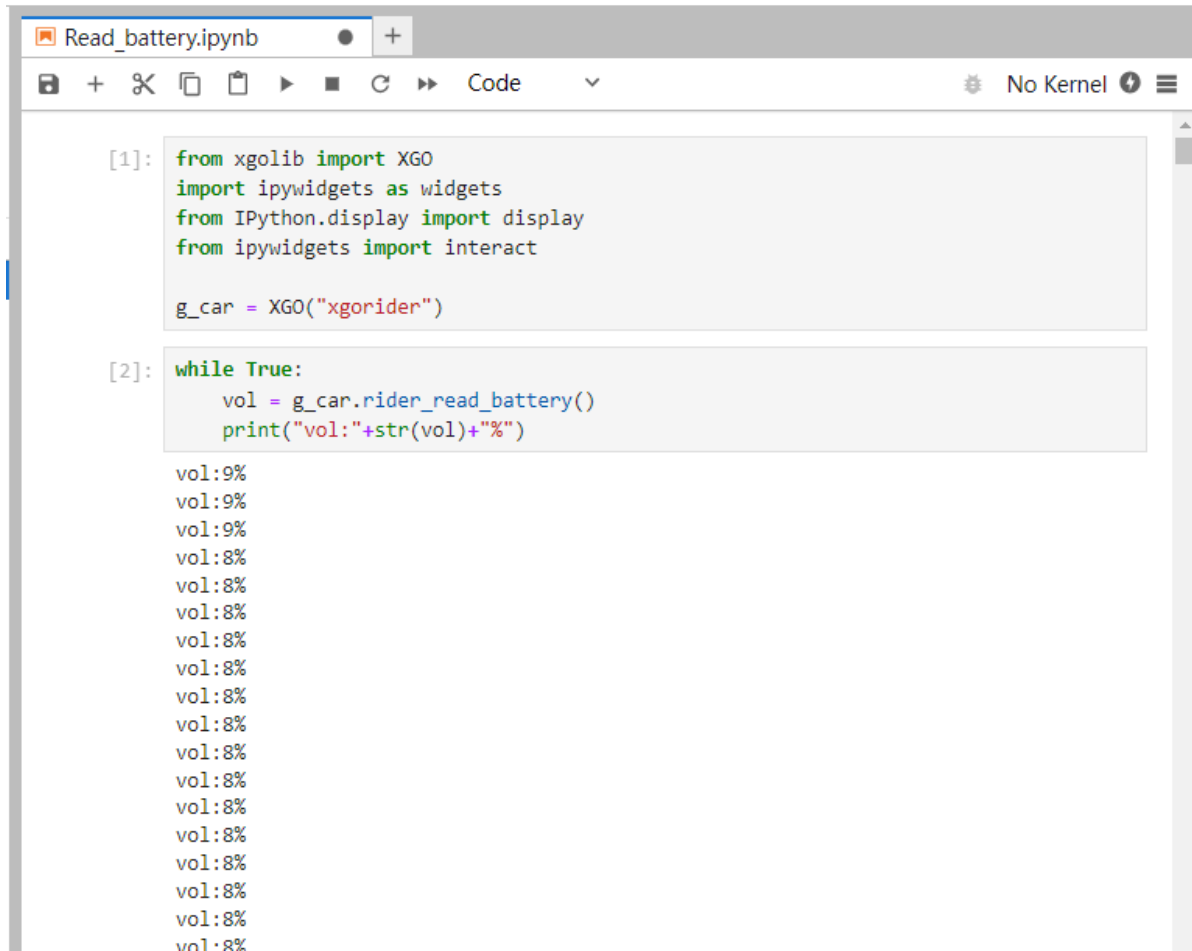
Then log in

Enter the path of **Rider-pi\_class/2.Basic Control Ooperations/8.Read the battery level of the car** and run **Read battery.ipynb**.

## 3. Experimental phenomenon

---

After running the code, print out the battery power data



```
[1]: from xgolib import XGO
import ipywidgets as widgets
from IPython.display import display
from ipywidgets import interact

g_car = XGO("xgorider")

[2]: while True:
    vol = g_car.rider_read_battery()
    print("vol:"+str(vol)+"%")

vol:9%
vol:9%
vol:9%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
vol:8%
```

## 4. Main source code analysis

```
while True:
    vol = g_car.rider_read_battery()
    print("vol:"+str(vol)+"%")
```

Read the battery power data through the API interface. And print it out.