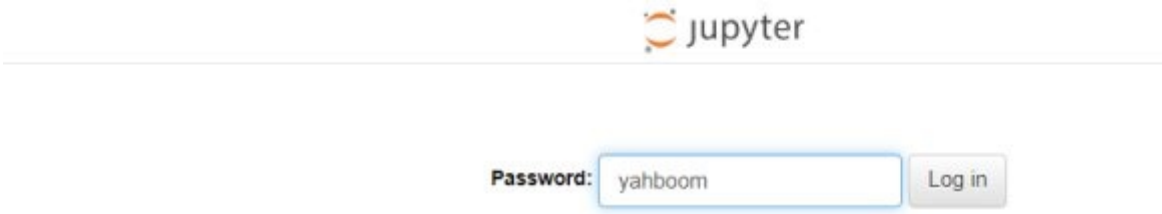
Battery level reading

1. Purpose of the experiment

Realize the reading of battery power.

2. Experimental path source code

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



and log in to the path of **cd ~/DOGZILLA_Lite_class/2.Base Control/10.Read Battery** and run **Read Battery.ipynb** .

3. Experimental Phenomenon

After running the code, the underlying battery power data can be printed out

```
[1]: from xgolib import XGO
     import time
     import ipywidgets as widgets
     from IPython.display import display
     from ipywidgets import interact, widgets, Button, VBox, IntSlider

     dog = XGO("xgolite")
```

```
[2]: while True:
         print(dog.read_battery())
         time.sleep(1)
```

```
45
45
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```

4. Main source code analysis

```
while True:
    print(dog.read_battery())
    time.sleep(1)
```

Through the API interface, read the underlying IMU data and print it out.