

HW 2

instance variables : brand, serialNO, power status, PM Level

method variables : turn_off, turn_on, Display, set Method

method Method

1. input Brand and serialNO

2. if input 1 and 2 in PM Level and Mode Cstring

Output of PM Level and Mode

- "Auto" if PM Level is high filter
PM > 4 if low filter

- "Max" if high filter is

- "Min" if low filter is

3. if turn_on, turn-off button

A. if Display brand and serialNO

```
Status: OPEN
Brand: xiami SerialNO: 1234
Enter your PmLevel:
```



```
Status: OPEN
Brand: xiami SerialNO: 1234
Enter your PmLevel: 6
Enter your Mode: Auto
```



```
Status: OPEN
Brand: xiami SerialNO: 1234
Enter your PmLevel: 6
Enter your Mode: Auto
Your pm current is level : 6
Your mode current is : Auto mode
Use : high filter
Status: CLOSE

Process finished with exit code 0
```