Instructions to run and test：

1. Run the main.py (In my case, run it in PyCharm)
2. Enter value for black board (for Boolean value, 0 is FALSE, any other integer is TRUE)

文本

描述已自动生成

1. If battery level < 30, you need to enter home path

屏幕上有字

描述已自动生成

1. Finally, program will ask you whether run again or not (0 for No, 1 for Yes)



In additionally, **each run of task will decrease 1 battery level**.

“**Timer**” and “**Run until succeed**”, program will **check the battery after each action**, when battery is 0, task will return failure.

**Dusty spot** will be detected based on a **random value**.

**Clean floor** task will be done based on a **random value**.