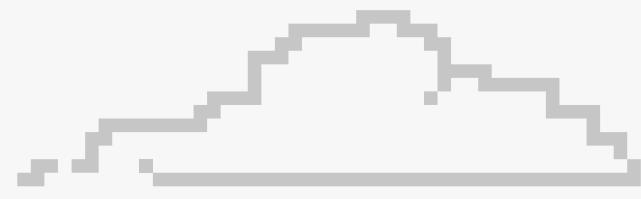
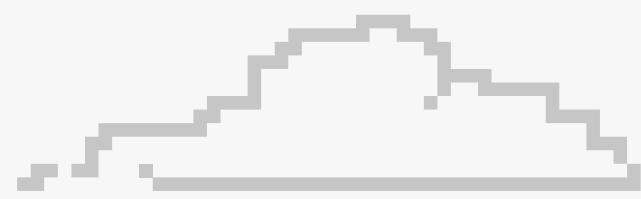
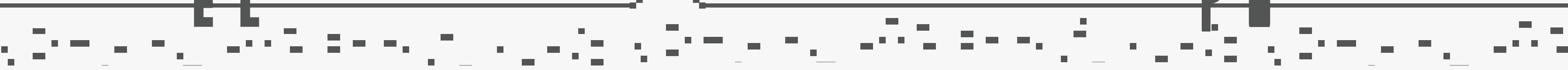


GPT CODING

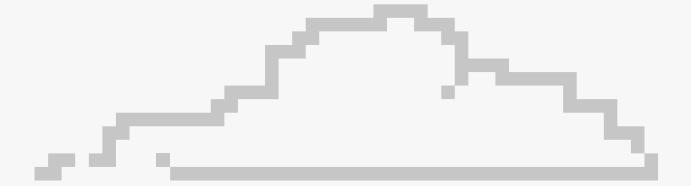
START



MEMBER

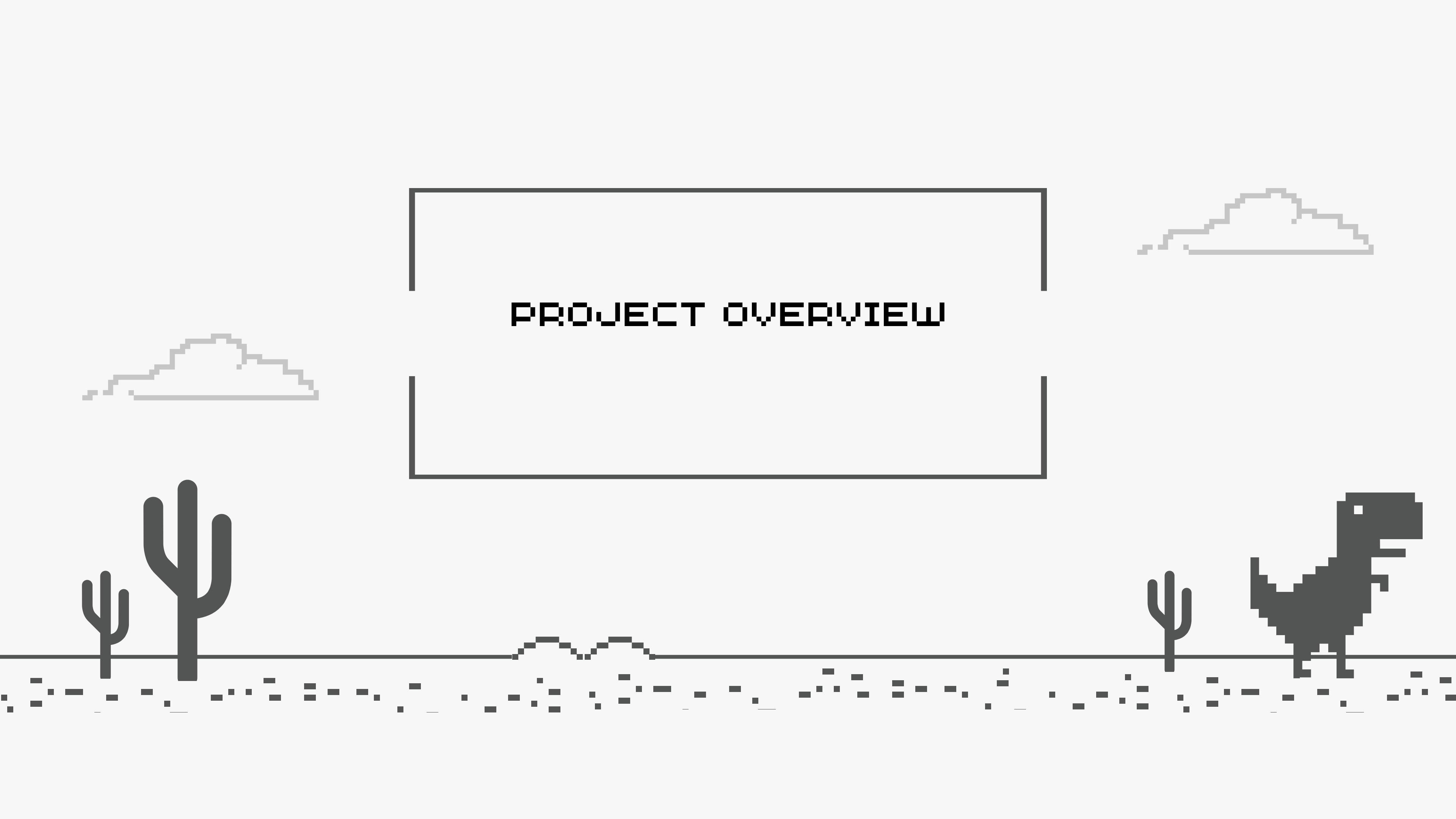


THAPAKORN
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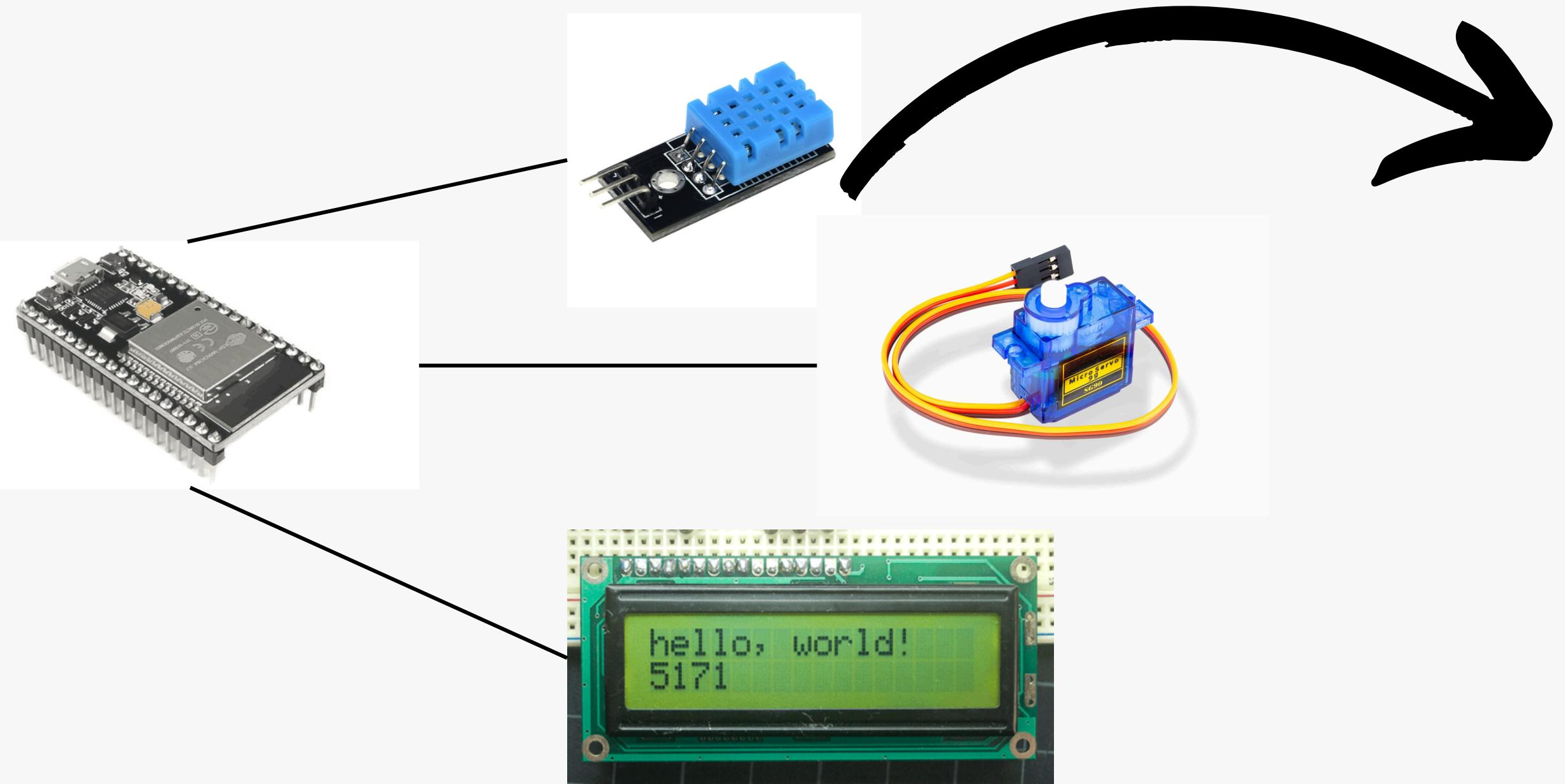


SIRAWIT
2311311472

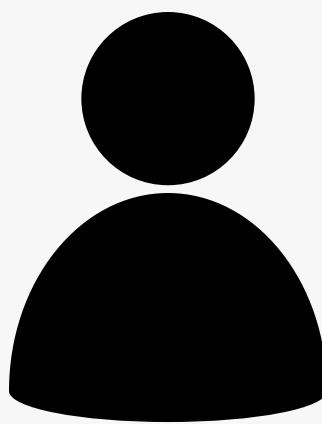




PROJECT OVERVIEW



FLOW CHAO



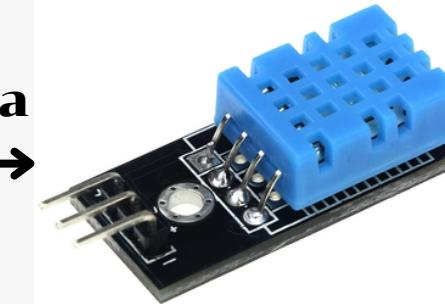
input condition



send



collect data



send back



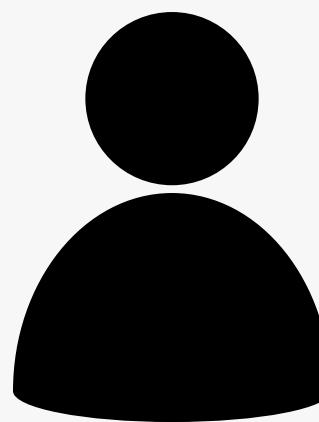
Yes

In Condition?



out put to user





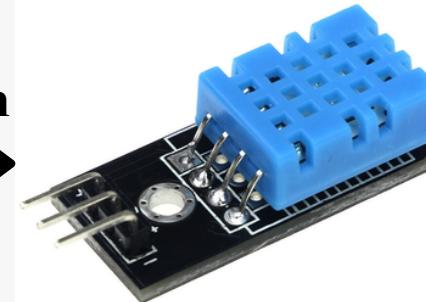
input condition



send



collect data



send back



Yes

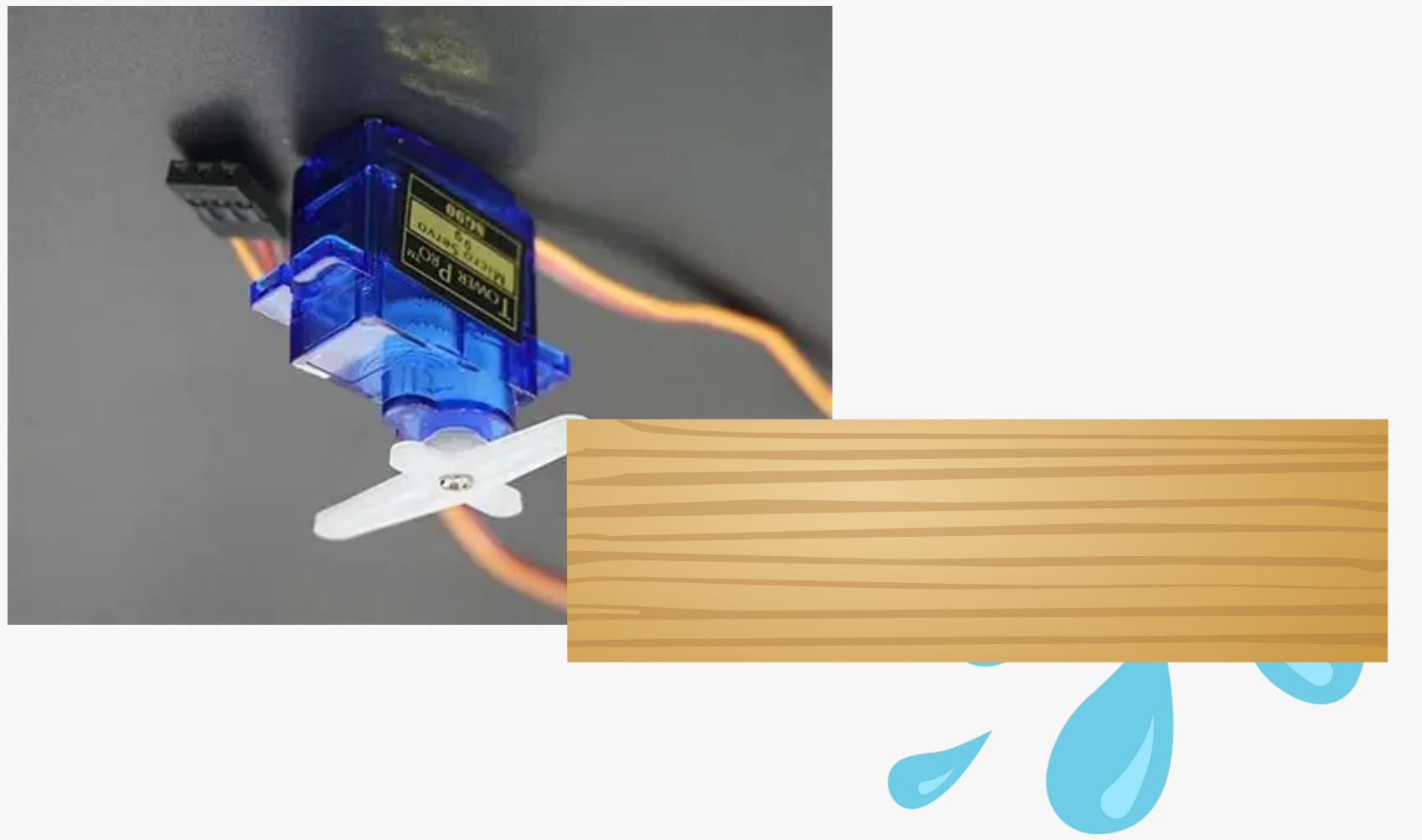
In Condition?

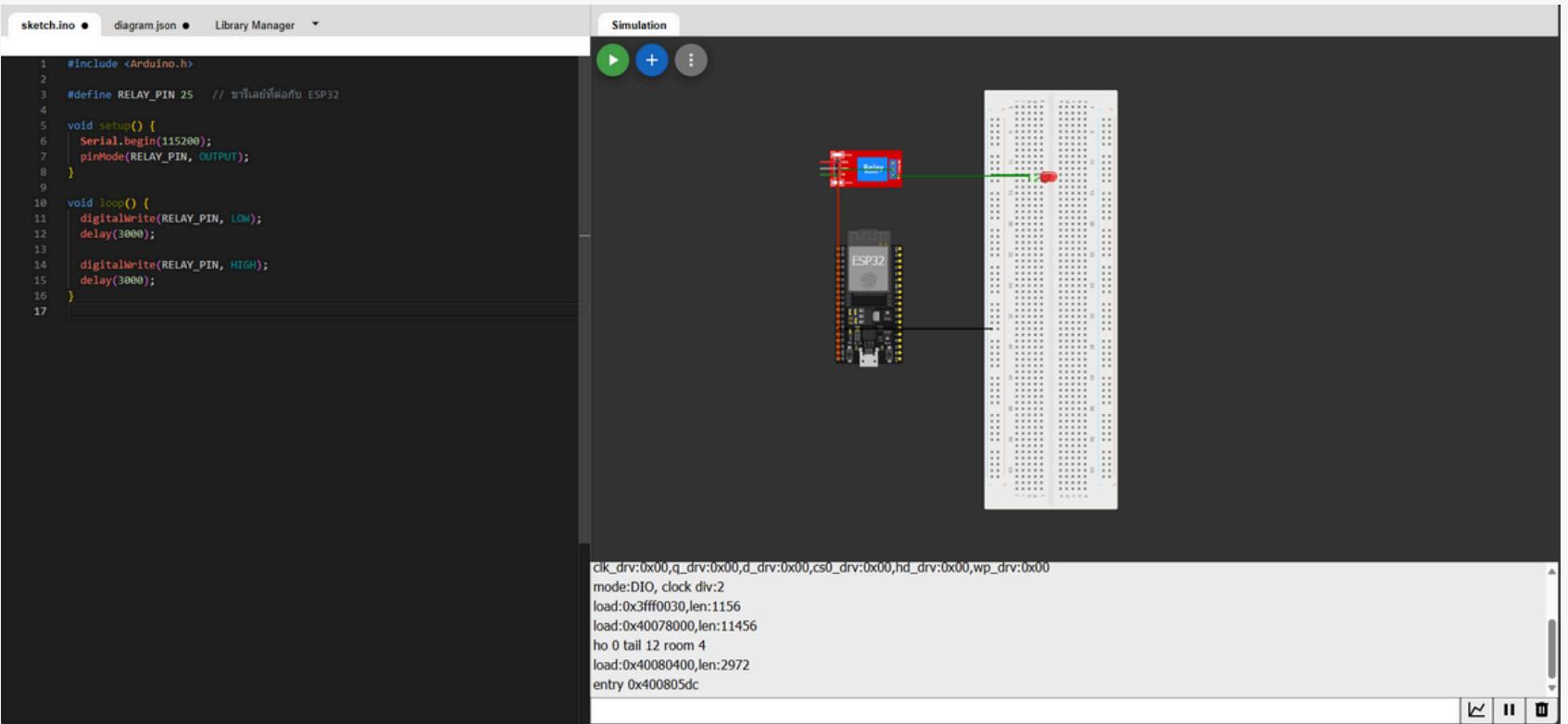


out put to user



PROBLEM

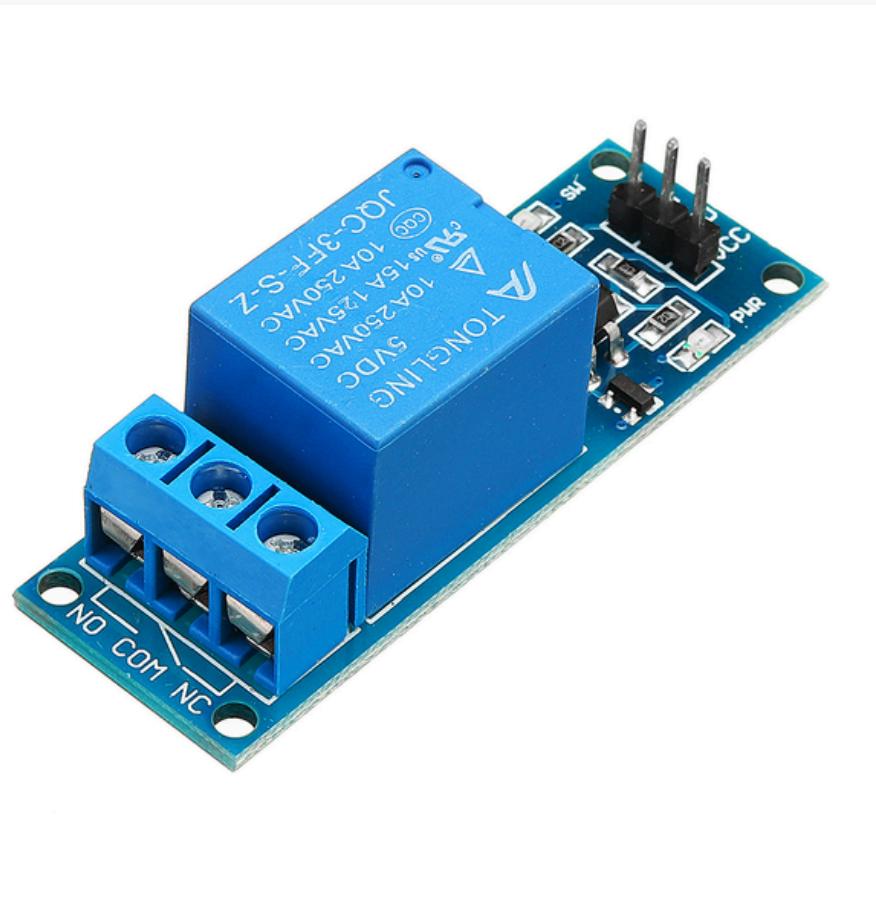




The screenshot shows the Arduino IDE interface during simulation. On the left is the code editor with the following sketch:

```
1 #include <Arduino.h>
2
3 #define RELAY_PIN 25 // ขาสีเขียวที่ต่ออยู่กับ ESP32
4
5 void setup() {
6   Serial.begin(115200);
7   pinMode(RELAY_PIN, OUTPUT);
8 }
9
10 void loop() {
11   digitalWrite(RELAY_PIN, LOW);
12   delay(3000);
13
14   digitalWrite(RELAY_PIN, HIGH);
15   delay(3000);
16 }
```

On the right is the simulation window showing a breadboard setup. An ESP32 board is connected to a relay module. The relay module has its COM terminal connected to digital pin 25 of the ESP32. The NO terminal is connected to ground, and the NC terminal is connected to digital pin 25. The simulation output window at the bottom shows serial communication data.





PROJECT GANTT CHART



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Idea
Coding
Hardware design
Debug

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Presentation
Hardware create
Flowchart
Github report