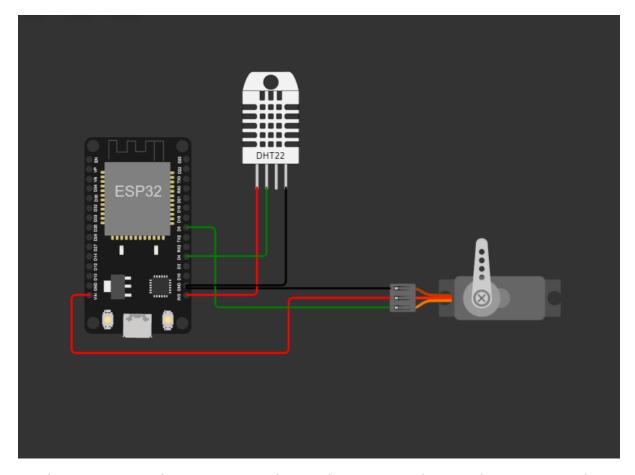
# Sprint – 1

Date	31-October-2022
Team ID	PNT2022TMID25993
Project Name	Smart Farmer – IoT Enabled Smart Farming
	Application
Maximum Marks	-

# **Sprint 1 Task:**

- 1. Python Code (Python Code Uploaded in GIT Repo.)
- 2. Circuit Connection
- 3. Python Program Output
- 4. Wokwi Simulation C++ Output

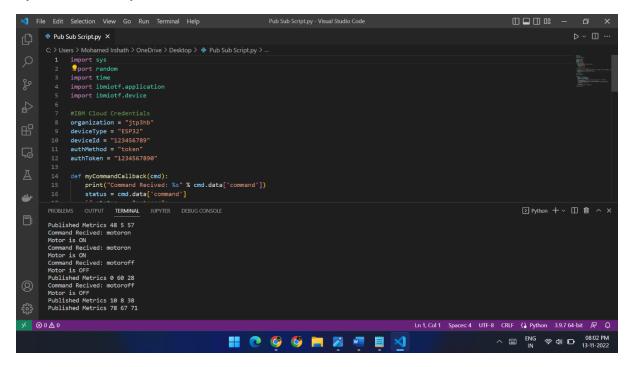
#### **Hardware Connection:**



Used Servo Motor and DHT22 sensors along with ESP32 in Wokwi Simulation to sense the temperature, humidity and to control the motor operations.

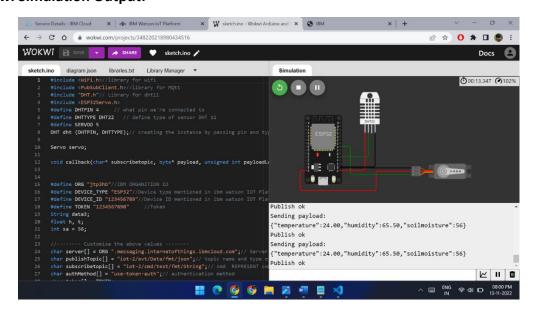
Soil Moisture sensor is not available in Wokwi instead we used random module to generate random value to test it.

## **Python Code Output:**



The above attached picture shows the output of the python code in the terminal of the VS Code Editor.

### **Wokwi Simulation Output:**



The above attached picture shows the output of the C++ program running in the Wokwi simulator.