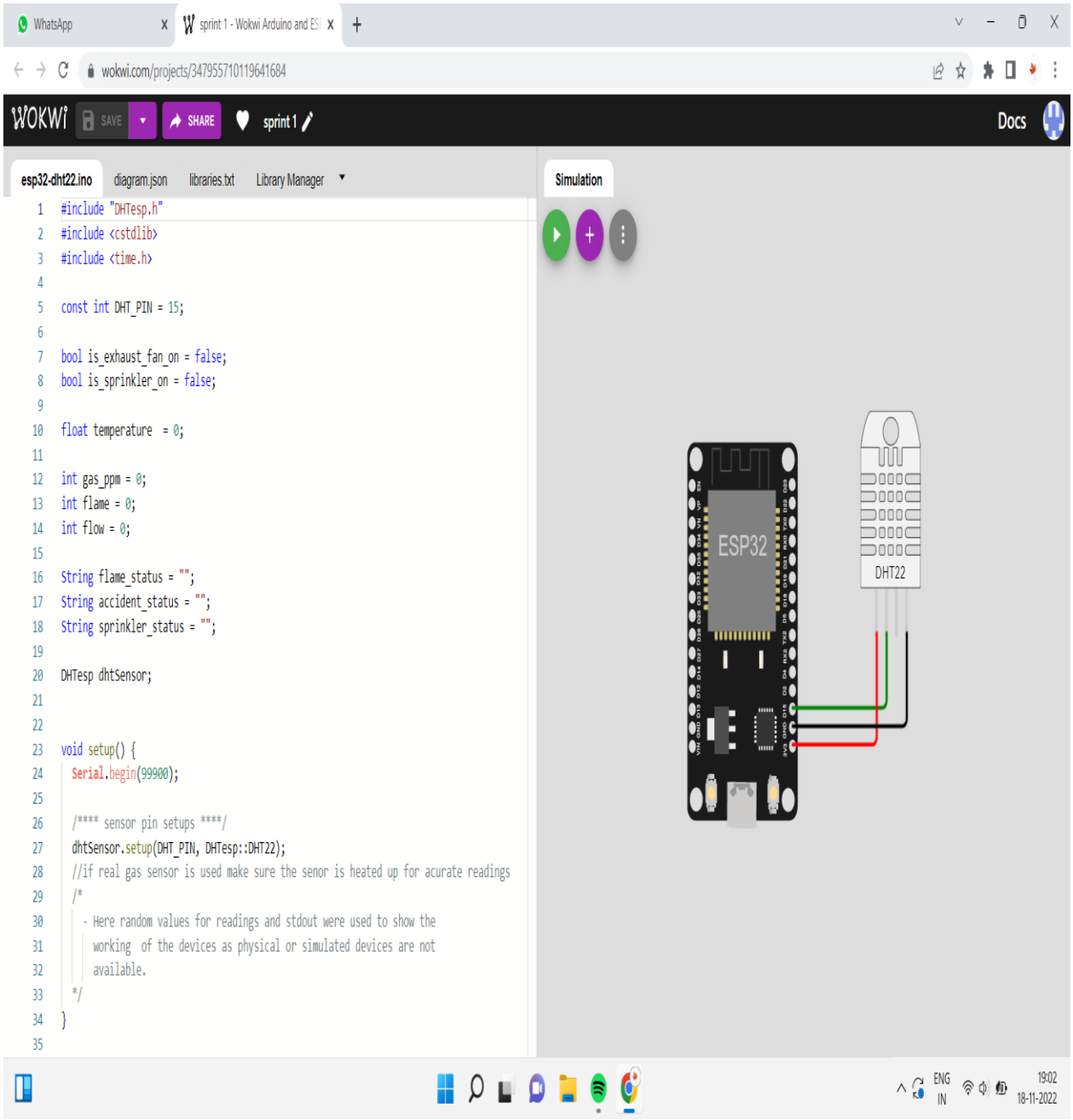
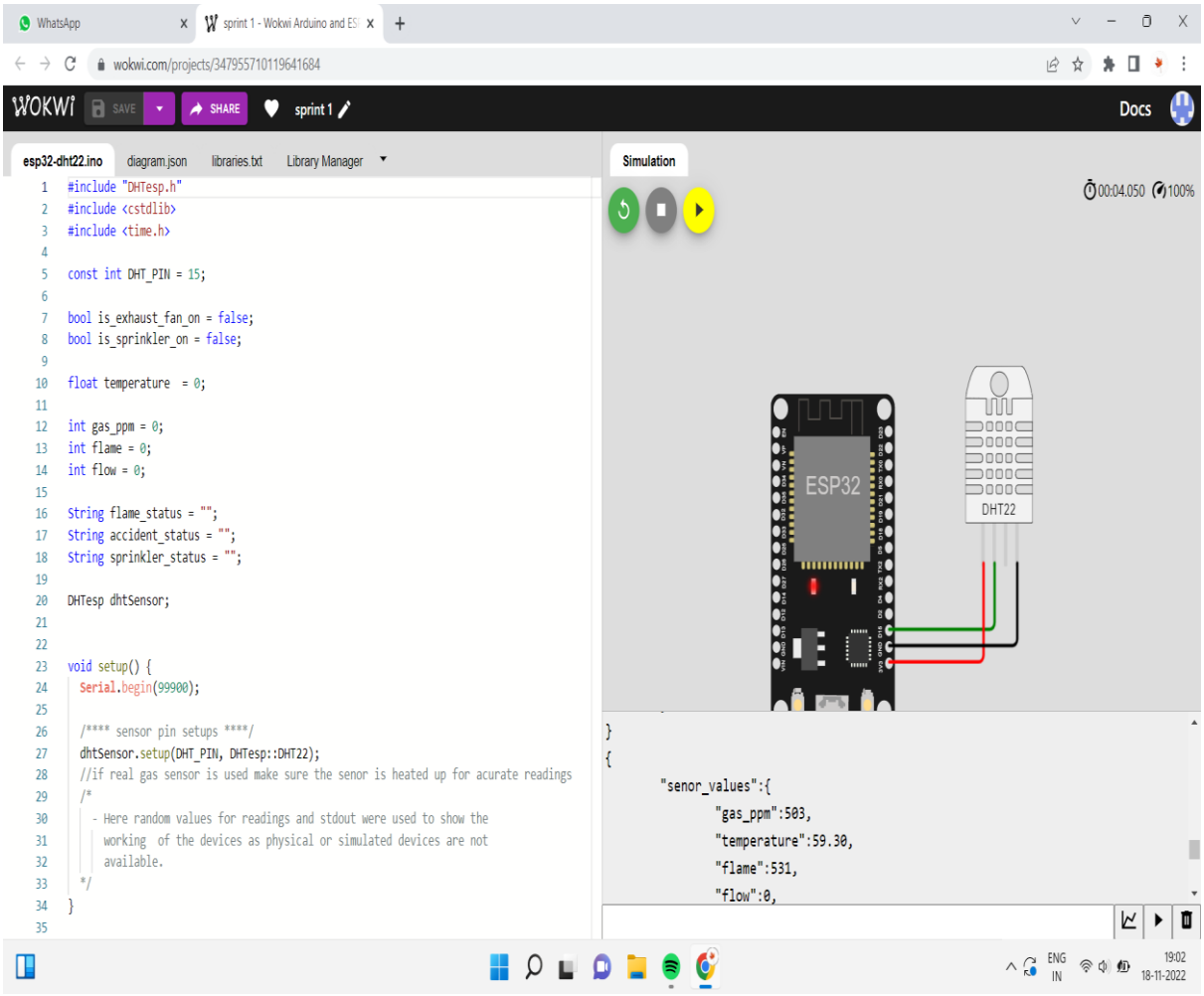
SPRINT-1


WhatsApp
sprint 1 - Wokwi Arduino and ES
wokwi.com/projects/347955710119641684
WOKWI
SAVE
SHARE
sprint 1
Docs
esp32-dht22.ino
diagram.json
libraries.txt
Library Manager
Simulation
#include "DHTesp.h"
#include <cstdlib>
#include <time.h>
const int DHT_PIN = 15;
bool is_exhaust_fan_on = false;
bool is_sprinkler_on = false;
float temperature = 0;
int gas_ppm = 0;
int flame = 0;
int flow = 0;
String flame_status = "";
String accident_status = "";
String sprinkler_status = "";
DHTesp dhtSensor;
void setup() {
Serial.begin(99900);
/**** sensor pin setups ****/
dhtSensor.setup(DHT_PIN, DHTesp::DHT22);
//if real gas sensor is used make sure the senor is heated up for acurate readings
/*
- Here random values for readings and stdout were used to show the
working of the devices as physical or simulated devices are not
available.
*/
}
ESP32
DHT22
ENG
IN
19:02
18-11-2022

OUTPUT:



WOKWI LINK: https://wokwi.com/projects/347955710119641684