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#include <dht.h>

#define dht_apin A0                // Analog Pin 0 is connected to DHT sensor
#define mqt_apin A1                // Analog Pin 1 is connected to MQT 135 sensor

dht DHT;

int sensorValue;

void setup(){
  Serial.begin(9600);               //Serial port to communicate with Python code
  Serial1.begin(9600);             //Serial port to communicate with Wearable device through Bluetooth (HC-05)
  delay(500);                      //Delay to let system boot
}

void loop(){
  DHT.read11(dht_apin);            // read analog input pin 0(DHT11)
  sensorValue = analogRead(mqt_apin); // read analog input pin 1(MQ135)
  CodeSerial.print("Current humidity = "); //SendHumidity status to Python
  Serial.print(DHT.humidity);
  Serial.print("% ");              //Send Temperature status to Python Code
  Serial.print("temperature = ");
  Serial.print(DHT.temperature);
  Serial.println("C ");            //Send AirQuality sensor value to Python code
  Serial.print("AirQua=");
  Serial.print(sensorValue, DEC);
  Serial.println(" PPM"); //Send signals to the Wearable
  Serial1.println("H T A");
  Serial1.println(DHT.humidity);
  Serial1.println(DHT.temperature);
  Serial1.println(sensorValue, DEC);
  delay(100);                     // wait 100 milliseconds for next reading
}

```