**#define AOUT\_PIN 36 // ESP32 pin GIOP36 (ADC0) that connects to AOUT pin of moisture sensor**

**#define THRESHOLD 1000 // CHANGE YOUR THRESHOLD HERE**

**void setup() {**

**Serial.begin(9600);**

**}**

**void loop() {**

**int value = analogRead(AOUT\_PIN); // read the analog value from sensor**

**if (value < THRESHOLD)**

**Serial.print("The soil is DRY (");**

**else**

**Serial.print("The soil is WET (");**

**Serial.print(value);**

**Serial.println(")");**

**delay(500);**

**}**