

REPORT LAB

EMBEDDED SYSTEM - CO3054

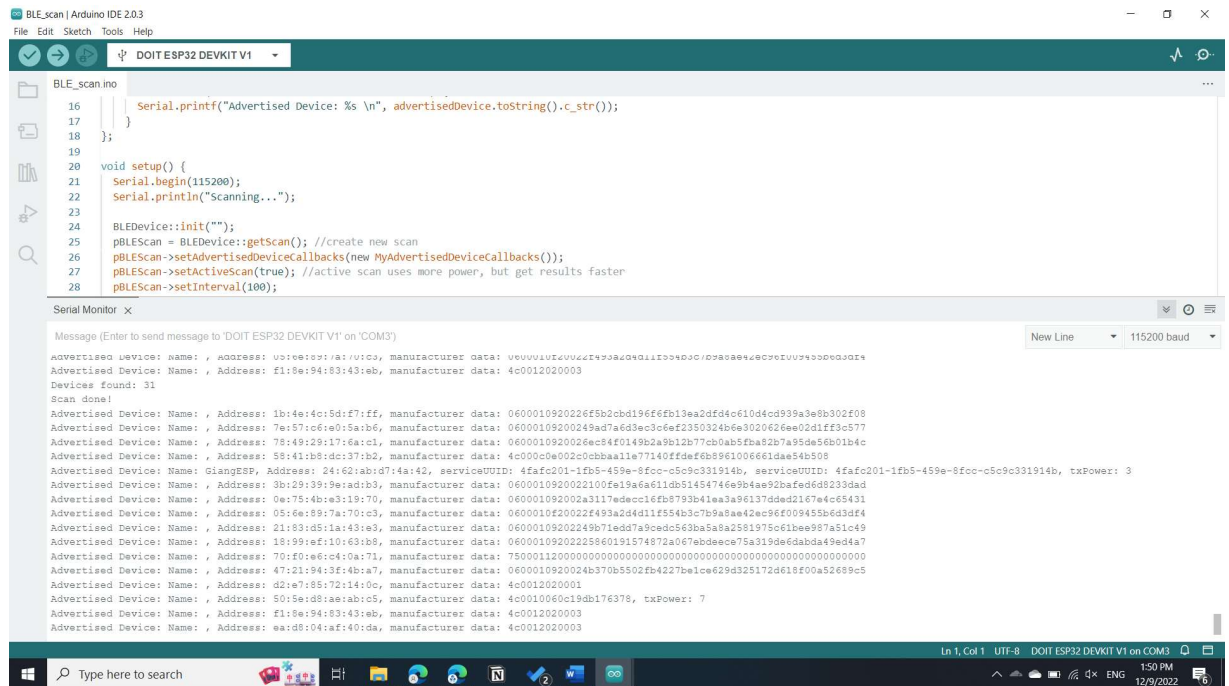
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I. BLE with ESP32 on Arduino IDE



II. ESP32 BLE SCANNER

Result:

[illegible]

III. ESP32 BLE SEVER with sever name: “ESP32 Gia An 1952163”



```
#define SERVICE_UUID          "69a87d99-f2d3-4b5f-ba31-2a6b6a94a9f7"
```

```
#define CHARACTERISTIC_UUID   "35480e82-188e-4b6b-bc77-1dde5fb8ddb3"
```

BLE name setup:

```
BLEDevice::init("ESP32 Gia An 1952163");
```

Set Characteristic:

```
pCharacteristic->setValue("This is ES Lab 4 from Duong Gia An - 195163");
```

IV. ESP32 BLE SEVER WITH SMARTPHONE

