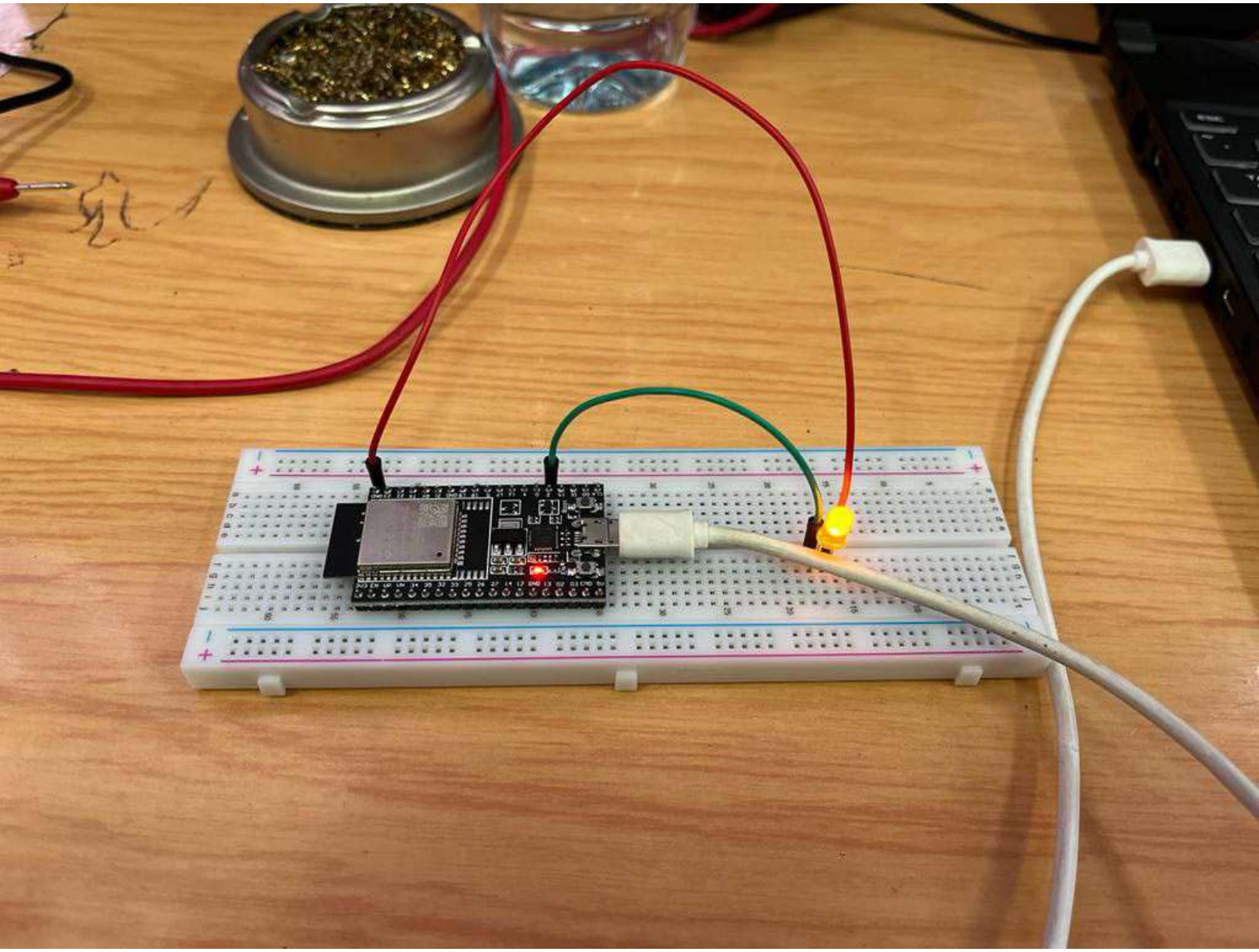


11:52
Terminal
11:48:13.451 Connecting to ESP32_LED_Control ...
11:48:15.485 Connected
11:48:24.368 1
11:48:24.631 LED turned ON
11:48:31.522 0
11:48:31.860 LED turned OFF
11:48:31.972 0
11:48:32.014 LED turned OFF
11:48:37.851 2
11:49:11.262 1
11:49:11.500 LED turned ON
11:49:13.087 1
11:49:13.121 LED turned ON
11:49:14.717 1
11:49:14.760 LED turned ON
11:49:27.503 0
11:49:27.816 LED turned OFF
11:50:35.706 1
11:50:36.144 LED turned ON
11:50:42.979 1
11:50:43.067 LED turned ON
11:50:45.785 1
11:50:45.814 LED turned ON
M1
M2
M3
M4
M5
M6
M7

```
//grupa7_Bucur Andrei Radu, Chelaru Vlad Andrei
#include "BluetoothSerial.h"
//Header File for Serial Bluetooth
BluetoothSerial ESP_BT;
//Object for Bluetooth
int incoming;
int LED_PIN = 2;
void setup() {
  Serial.begin(9600);
  //Start Serial monitor in 9600
  ESP_BT.begin("ESP32_LED_Control");
  //Name of your Bluetooth Signal
  Serial.println("Bluetooth Device is Ready to Pair");
  pinMode (LED_PIN, OUTPUT);//Specify that LED pin is output
  }
  void loop() {
    if (ESP_BT.available()) //Check if we receive anything from Bluetooth
    {     incoming = ESP_BT.read();
    //Read what we recevive
    Serial.print("Received:");
    Serial.println(incoming);
    if (incoming == 49)
    {
      digitalWrite(LED_PIN, HIGH);
      ESP_BT.println("LED turned ON");
      }
      if (incoming == 48)
      {
        digitalWrite(LED_PIN, LOW);
        ESP_BT.println("LED turned OFF");
        }
        }
        delay(20);
        }
```