IoT Code

```cpp
#include "BluetoothSerial.h"
// init Class:
BluetoothSerial ESP_BT;

// init PINs:
int led_pin_1 = 4;
int led_pin_2 = 2;

int incoming;

void setup() {
  Serial.begin(19200);
  ESP_BT.begin("ESP32_Control");
  pinMode (led_pin_1, OUTPUT);
  pinMode (led_pin_2, OUTPUT);
}

void loop() {
  if (ESP_BT.available()) {
    incoming = ESP_BT.read();
    int button = floor(incoming / 10);
    int value = incoming % 10;
    switch (button) {
```

```
    case 1:
      Serial.print("Button 1:"); Serial.println(value);
      digitalWrite(led_pin_1, value);
      break;
    case 2:
      Serial.print("Button 2:"); Serial.println(value);
      digitalWrite(led_pin_2, value);
      break;
  }
 }
}
```