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//tells Photon 2 to use the external antenna
STARTUP(WiFi.selectAntenna(ANT_EXTERNAL));

//applies a name to the pin
int buttonPin1 = 2;
int ledPin = 6;

//Sets initial buttonState to low
int buttonState1 = LOW;

//This is the predetermined text message that sent when a button is pushed.
//with the "Room XX" replaced with an actual room name.
String body1 = "Emergency Text - Room 01";

void setup() {
//sets the pinMode as input or output
  pinMode(buttonPin1, INPUT);
  pinMode(ledPin, OUTPUT);
}

void loop() {
//turns on Program Running LED on Pin 6
  digitalWrite(ledPin, HIGH);

//checks to see if button 1 is pressed
  buttonState1 = digitalRead(buttonPin1);
  if (buttonState1 == HIGH) {

//if so, it publishes to the webhook "tim_sms" the message string in "body 1"
    Particle.publish("tim_sms", body1, PRIVATE);

    delay(1000);
  }
}

```