PSEUDOCODIGO

//pseudo codigo santiago galicia

//18483

#define LED RED\_LED

#define LED1 GREEN\_LED

#define LED2 BLUE\_LED

#define LED3 YELLOW\_LED

#define LED4 PINK\_LED

const int buttonPin1 = PUSH1

const int buttonPin2 = PUSH2

int val =0;

int val1 = 0;

int cont1=1;

int cont2=1;

void setup() {

// put your setup code here, to run once:

pinMode(LED, OUTPUT);

pinMode(LED1, OUTPUT);

pinMode(LED2, OUTPUT);

pinMode(LED3, OUTPUT);

pinMode(LED4, OUTPUT);

pinMode(buttonPin1, INPUT\_PULLUP);

pinMode(buttonPin2, INPUT\_PULLUP);

}

void loop() {

// put your main code here, to run repeatedly:

val= digitalRead(buttonPin1);

val1= digitalRead(buttonPin2);

if (val ==HIGH || val1 == HIGH) {

digitalWrite(LED, HIGH);

delay(300);

digitalWrite(LED3, HIGH);

delay(300);

digitalWrite(LED1, HIGH);

delay(300);

if(val==HIGH){

cont1<<1;

}

else if(val1==HIGH){

cont2<<1;

}

else{Serial.printf("a c mamo");}

}

if(cont1 ==10000000){

digitalWrite(LED2, HIGH);}

if(cont2 == 10000000){

digitalWrite(LED4, HIGH);}

}