#define SAIDA 2

#define led\_0 10

#define led\_1 9

#define led\_2 8

int led2=0;

int led1=0;

int led0=0;

void setup() {

pinMode(SAIDA, OUTPUT);

pinMode(led\_0, INPUT);

pinMode(led\_1, INPUT);

pinMode(led\_2, INPUT);

Serial.begin(9600);

}

void loop() {

led2 = digitalRead(led\_2);

led1 = digitalRead(led\_1);

led0 = digitalRead(led\_0);

if(led2 && led1 && led0){

Serial.println("111 = 7");

for(int i=1; i<7; i++){

digitalWrite(SAIDA, HIGH);

delay(500);

digitalWrite(SAIDA, LOW);

delay(500);

}

}

else if(led2 && led1 && !led0){

Serial.println("110 = 6");

for(int i=0; i<6; i++){

digitalWrite(SAIDA, HIGH);

delay(500);

digitalWrite(SAIDA, LOW);

delay(500);

}

}

else if(led2 && !led1 && led0){

Serial.println("101 = 5");

for(int i=0; i<5; i++){

digitalWrite(SAIDA, HIGH);

delay(500);

digitalWrite(SAIDA, LOW);

delay(500);

}

}

else if(led2 && !led1 && !led0){

Serial.println("100 = 4");

for(int i=0; i<4; i++){

digitalWrite(SAIDA, HIGH);

delay(500);

digitalWrite(SAIDA, LOW);

delay(500);

}

}

else if(!led2 && led1 && led0){

Serial.println("011 = 3");

for(int i=0; i<3; i++){

digitalWrite(SAIDA, HIGH);

delay(500);

digitalWrite(SAIDA, LOW);

delay(500);

}

}

else if(!led2 && led1 && !led0){

Serial.println("010 = 2");

for(int i=0; i<2; i++){

digitalWrite(SAIDA, HIGH);

delay(500);

digitalWrite(SAIDA, LOW);

delay(500);

}

}

else if(!led2 && !led1 && led0){

Serial.println("001 = 1");

for(int i=0; i<1; i++){

digitalWrite(SAIDA, HIGH);

delay(500);

digitalWrite(SAIDA, LOW);

delay(500);

}

}

else {

Serial.println("000 = 0");

for(int i=0; i<0; i++){

digitalWrite(SAIDA, HIGH);

delay(500);

digitalWrite(SAIDA, LOW);

delay(500);

}

}

delay(2000);

}