//este pa

int sensor = (A0);

int sensor2 = (A1);

int tel1 = (A2);

int tel2 = (A3);

void setup()

{

Serial.begin (9800) ;

pinMode (sensor, INPUT);

pinMode (sensor2, INPUT);

pinMode (13, OUTPUT);

pinMode (12, OUTPUT);

pinMode (11, OUTPUT);

}

void loop()

{

tel1 = analogRead(A2);

analogWrite( 5 , tel1);

tel2 = analogRead(A3);

analogWrite( 6 , tel2 );

int celu = map (tel1, 0 , 1023, 0, 100) ;

Serial.print("Lado: (");

Serial.print(celu);

Serial.println( ")" );

delay (63);

if((celu > 5) && (celu < 35)){

digitalWrite (13, HIGH);

}else{

digitalWrite (13,LOW);

}

if((celu > 35) && (celu < 65)){

digitalWrite (12, HIGH);

}else{

digitalWrite (12,LOW);

}

if((celu > 65) && (celu < 100)){

digitalWrite (11, HIGH);

}else{

digitalWrite (11,LOW);

}

if(sensor == 1 ){

digitalWrite (13, HIGH);

}else{

digitalWrite (13, LOW);

}

if(sensor2 == 1 ){

digitalWrite (11, HIGH);

}else{

digitalWrite (11, LOW);

}

}