//variable

int PulseSensorPurplePin = 0;

int LED = 13;

int SIGNAL;

int Threshold = 550;

//The SetUp Function:

void setup() {

pinMode(LED,OUTPUT);

Serial.begin(9600);

}

// The Main Loop Function

void loop() {

SIGNAL = analogRead(PulseSensorPurplePin);

Serial.println(SIGNAL);

if(SIGNAL > Threshold) {

digitalWrite(LED,HIGH);

}

else {

digitalWrite(LED,LOW);

}

}