IR Sensors

int SensorPin = 2; // sensor input connection

int OutputPin = 13; // LED output connection

void setup() {

pinMode(OutputPin, OUTPUT); // considering LED as output

pinMode(SensorPin, INPUT); // sensor as input

Serial.begin(9600);

}

void loop() { // main loop runs after setup

int SensorValue = digitalRead(SensorPin); //read high or low and stored in sensorvalue variable

Serial.print("SensorPin Value: ");

Serial.println(SensorValue);

delay(1000);

if (SensorValue==LOW){ // LOW MEANS Object Detected

digitalWrite(OutputPin, HIGH); //if object is detected then LED turns ON

}

else

{

digitalWrite(OutputPin, LOW); // else LED turn OFF

}

}