**LAB 4 & 5**

**Date:** 28/8/2019

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**Roll Number:** 1740256

int sensorPin = 0;

int led1 = D0;

int led2 = D2;

int led3 = D4;

float sensorValue = 0;

void setup() {

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

Serial.begin(9600);

pinMode(led1,OUTPUT);

pinMode(led2,OUTPUT);

pinMode(led3,OUTPUT);

}

void loop() {

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

sensorValue = analogRead(A0);

float value = sensorValue/(1024.0);

Serial.println(value);

delay(500);

if(value>0.05) {

digitalWrite(led1,HIGH);

digitalWrite(led2,HIGH);

digitalWrite(led3,HIGH);

}

else {

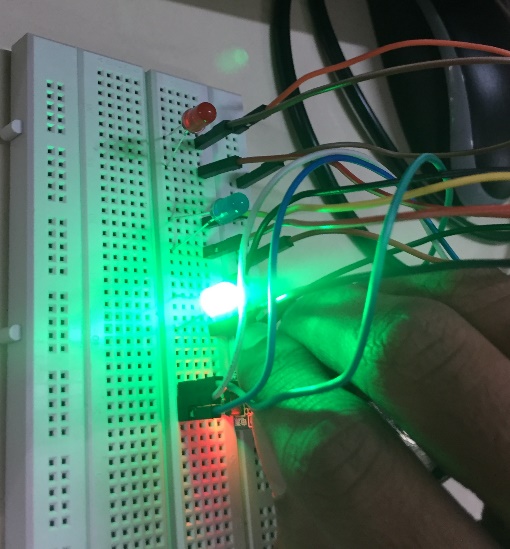
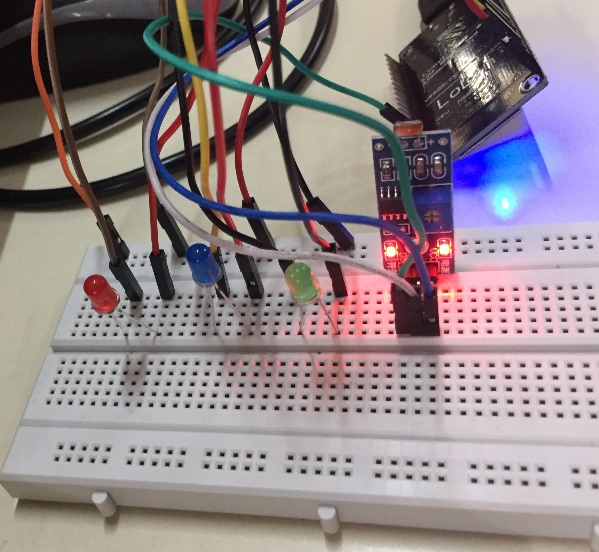
digitalWrite(led1,LOW);

digitalWrite(led2,LOW);

digitalWrite(led3,LOW);

}

}

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