Jefferson Bui

CMPEN 271

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Lab 2

# Code:

int ledPin = 10;

int ledPin2 = 6;

int inputPin = 2;

int val = 0;

void setup()

{

pinMode(ledPin, OUTPUT);

pinMode(ledPin2, OUTPUT);

pinMode(inputPin, INPUT);

}

void loop() {

val = digitalRead(inputPin);

if (val == LOW)

{

digitalWrite(ledPin, HIGH);

delay(100);

digitalWrite(ledPin, LOW);

delay(100);

digitalWrite(ledPin2, HIGH);

delay(100);

digitalWrite(ledPin2, LOW);

delay(100);

}

else

{

digitalWrite(ledPin, HIGH);

delay(1000);

digitalWrite(ledPin, LOW);

delay(1000);

digitalWrite(ledPin2, HIGH);

delay(1000);

digitalWrite(ledPin2, LOW);

delay(1000);

}

}

# Circuit:

