

```
// Sketch de prueba de la placa "8-input optocoupler shield"
```

```
int b1 = 0;
int b2 = 0;
int b3 = 0;
int b4 = 0;
int b5 = 0;
int b6 = 0;
int b7 = 0;
int b8 = 0;
```

```
void setup()
{
    int i;
    for(i=2;i<=9;i++)
        pinMode(i, INPUT);
    pinMode(13, OUTPUT);
}
```

```
void loop()
{
    b1 = digitalRead(2);
    b2 = digitalRead(3);
    b3 = digitalRead(4);
    b4 = digitalRead(5);
    b5 = digitalRead(6);
    b6 = digitalRead(7);
    b7 = digitalRead(8);
    b8 = digitalRead(9);

    if (b1==LOW || b2==LOW || b3==LOW || b4==LOW || b5==LOW ||
b6==LOW || b7==LOW || b8==LOW)
    {
        digitalWrite(13, HIGH);
    }

    else
    {
        digitalWrite(13, LOW);
    }
}
```