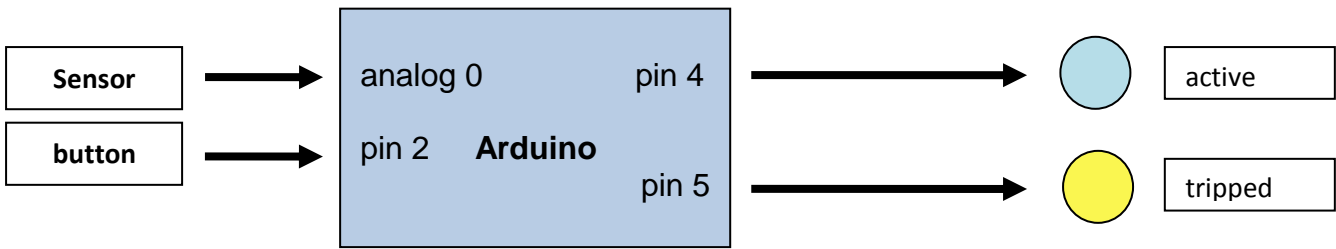


Light Alarm

20/6/19



```

    setup
    int = variable active
        value 4
    int = variable tripped
        value 5
    int = variable Sensor
        value A0
    int = variable button
        value 2

    loop
    digitalWrite() # tripped
        LOW
    repeat 5
        Commands warning
    digitalWrite() # active
        HIGH
    int = variable sensorLevel
        value analogRead() # Sensor
    delay ms milliseconds 500
    do while
        Commands
        int = variable trigHi
            value sensorLevel + 15
        int = variable trigLo
            value sensorLevel - 15
        delay ms milliseconds 500
        int = variable sensorLevel
            value analogRead() # Sensor
        test
        and
        sensorLevel < trigHi
        sensorLevel > trigLo
    digitalWrite() # active
        LOW
    test
    digitalRead() # button == LOW
    while
        Commands
        Toggle # tripped
        delay ms milliseconds 200
    
```

"Toggle" changes the state of a pin to HIGH if it is LOW, or LOW if it is HIGH.