



```

    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

    program
    commands
    int = variable trigHi
        value sensorLevel + 15
    int = variable trigLo
        value sensorLevel - 15
    do while
        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.