```matlab
LED = 'D44';
LDR = 'A0';
Threshold = 1;

while (true)
    pause(0.1);
    if (readVoltage(a, LDR) > Threshold)
        writeDigitalPin(a, LED, 1)
    elseif (readVoltage(a, LDR) < Threshold)
        writeDigitalPin(a, LED, 0)
    end
end
```