Activity

Basic of Sensors

Reading Light Sensor

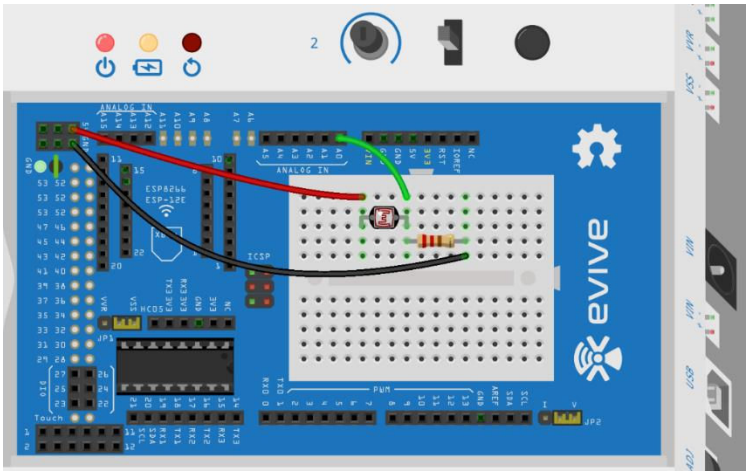
In this activity, will learn about sensors and how to visualise the output of a light sensor on evive display.

COMPONENTS

evive, LDR sensor, 10 kOhm resistor, Jumper cable.

STEP-BY-STEP

1. Make the circuit of light sensor on evive breadboard as shown in the circuit diagram.
2. Turn ON evive. Menu will appear. If not, center press on navigation key of evive.



3. **Pin State Monitor** displays the states, or the values of all the pins – both digital and analog.
   i. **Digital Pin States**: This option displays only the states of the digital pins.
   ii. **Analog Pin States**: This option shows what value does each analog pin have between 0 and 1023.
   iii. **Digital & Analog States**: This option is a combination of the previous two.

4. Open Digital & Analog State menu. You can visualise that the A0 pin number reading changes when you put hand over the light sensor.