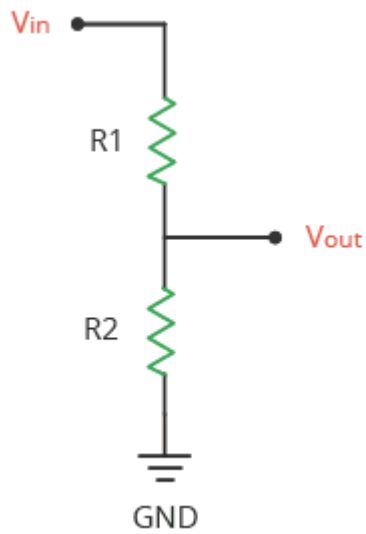


VoltageSensorCalibration:



V_{in} is the input DC to be measured , V_{out} is measured by Sensor using arduino & then we convert V_{out} to V_{in} using this formula

$$V_{in} = V_{out} \frac{R1 + R2}{R2}$$

to know the input DC Voltage.

We took $R1$ as 9300 ohms & $R2$ as 383 ohms.

It works accurately for higher voltages , above 8.5V .

