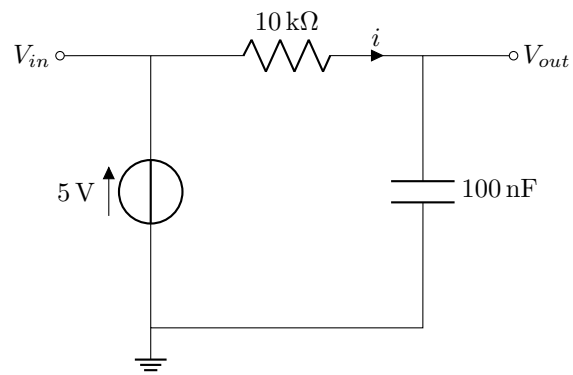


Simple RC Circuit

This is a basic RC (resistor-capacitor) circuit demonstrating a voltage divider with a capacitive load.



The time constant τ of this circuit is:

$$\tau = R \cdot C = 10 \text{ k}\Omega \times 100 \text{ nF} = 1 \text{ ms}$$