

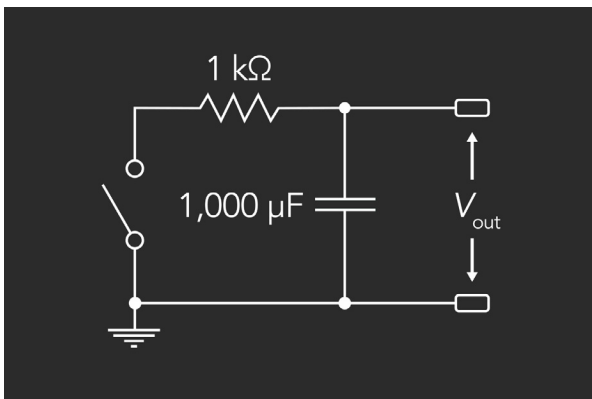
## Discharging RC Circuit

This circuit demonstrates how the voltage across a capacitor changes as it discharges. The capacitor is initially charged. Then when the switch is closed, the current will flow out of the capacitor and through the resistor to ground.

### Components

- Switch
- 1 k $\Omega$  resistor
- 1,000  $\mu$ F capacitor (initially charged to 5 V)

### Schematic



### Circuit

