

MIT ILLUMINATIONS SEMINAR

Nov 15, 2022

Today

Short Recap

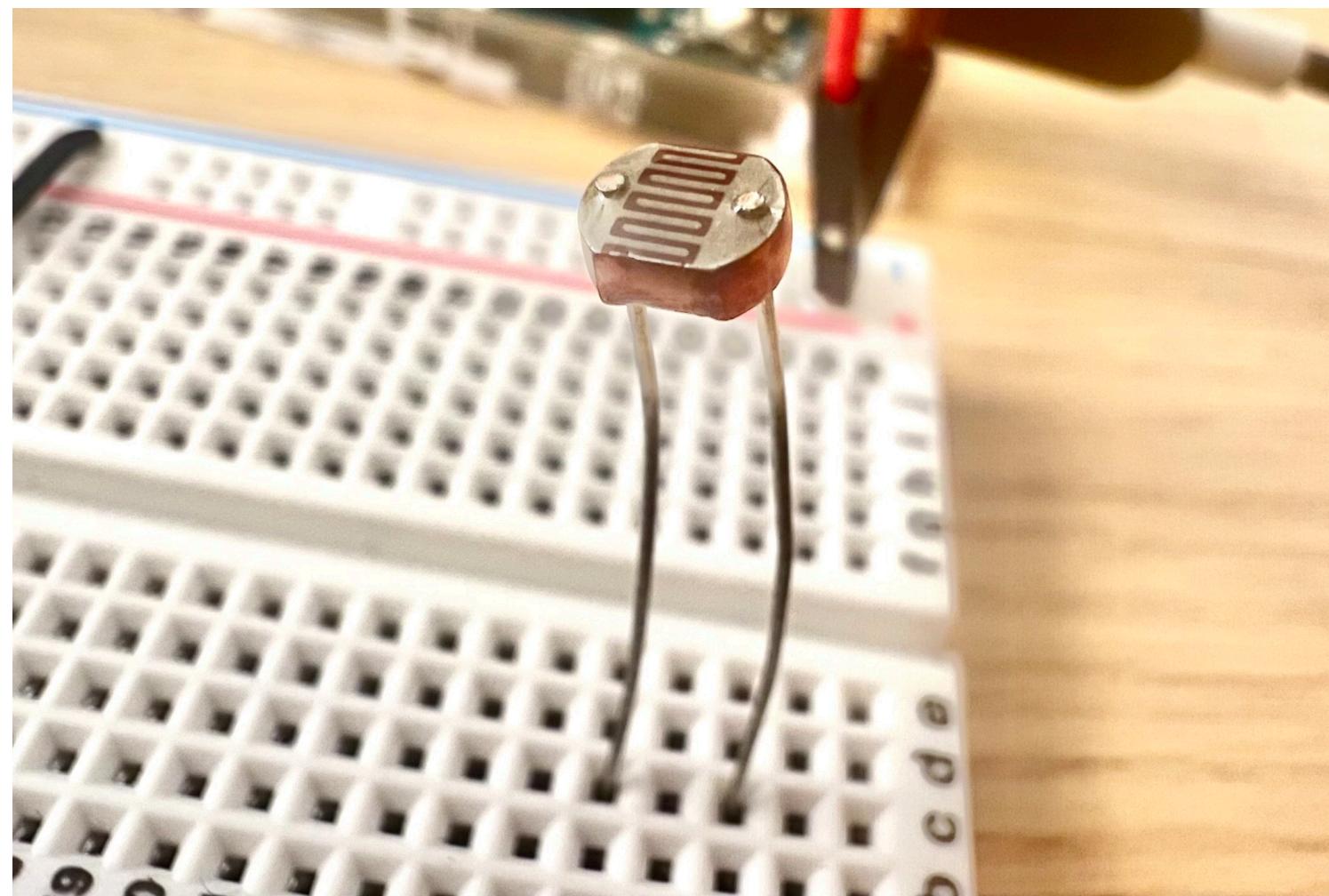
The Concept of Git & GitHub

Andrew Sellars: Clinical Associate Professor & Director
of the BU/MIT Technology Law Clinic!

Last time

Photoresistors

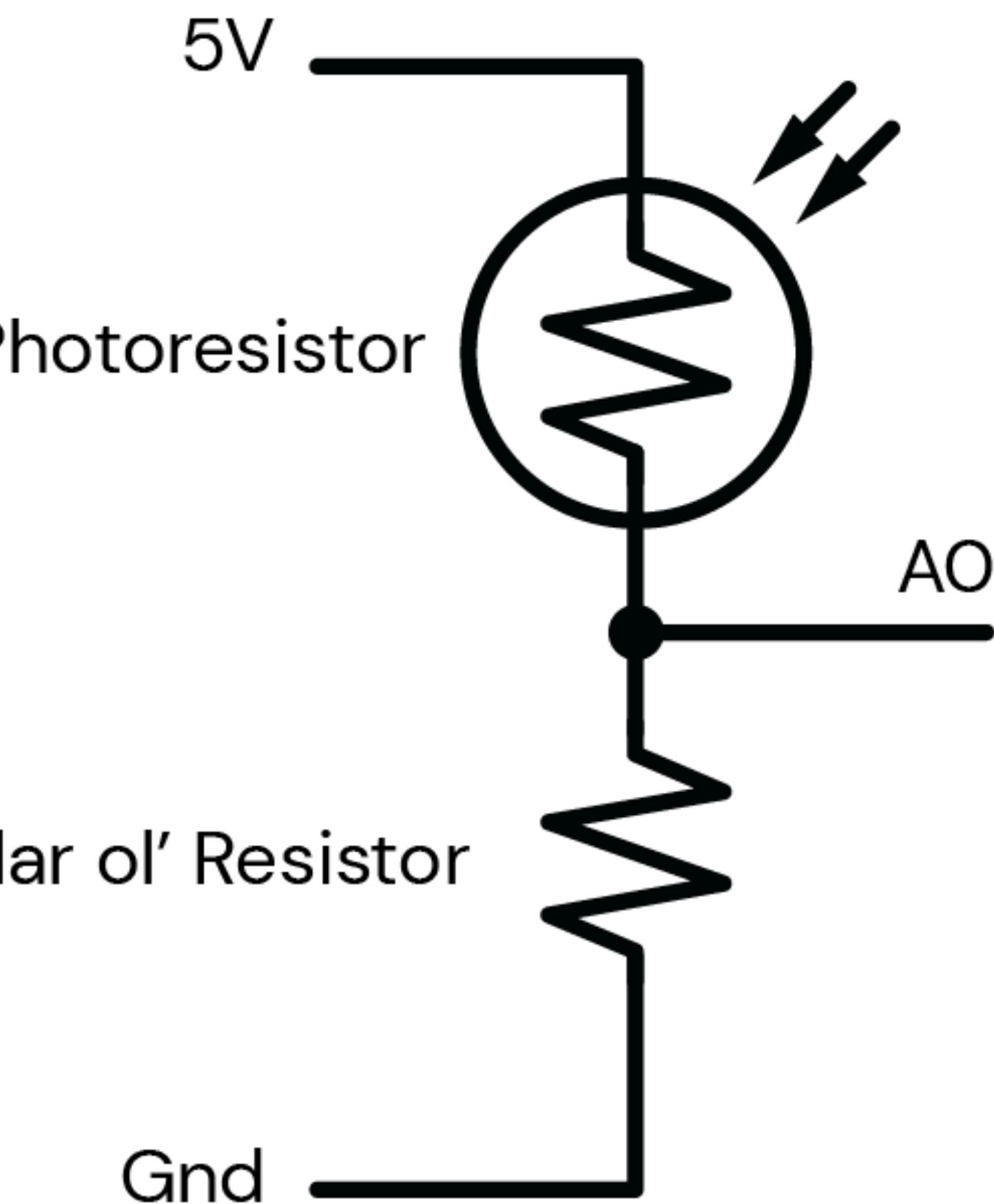
In **BRIGHT** conditions



10k Ω

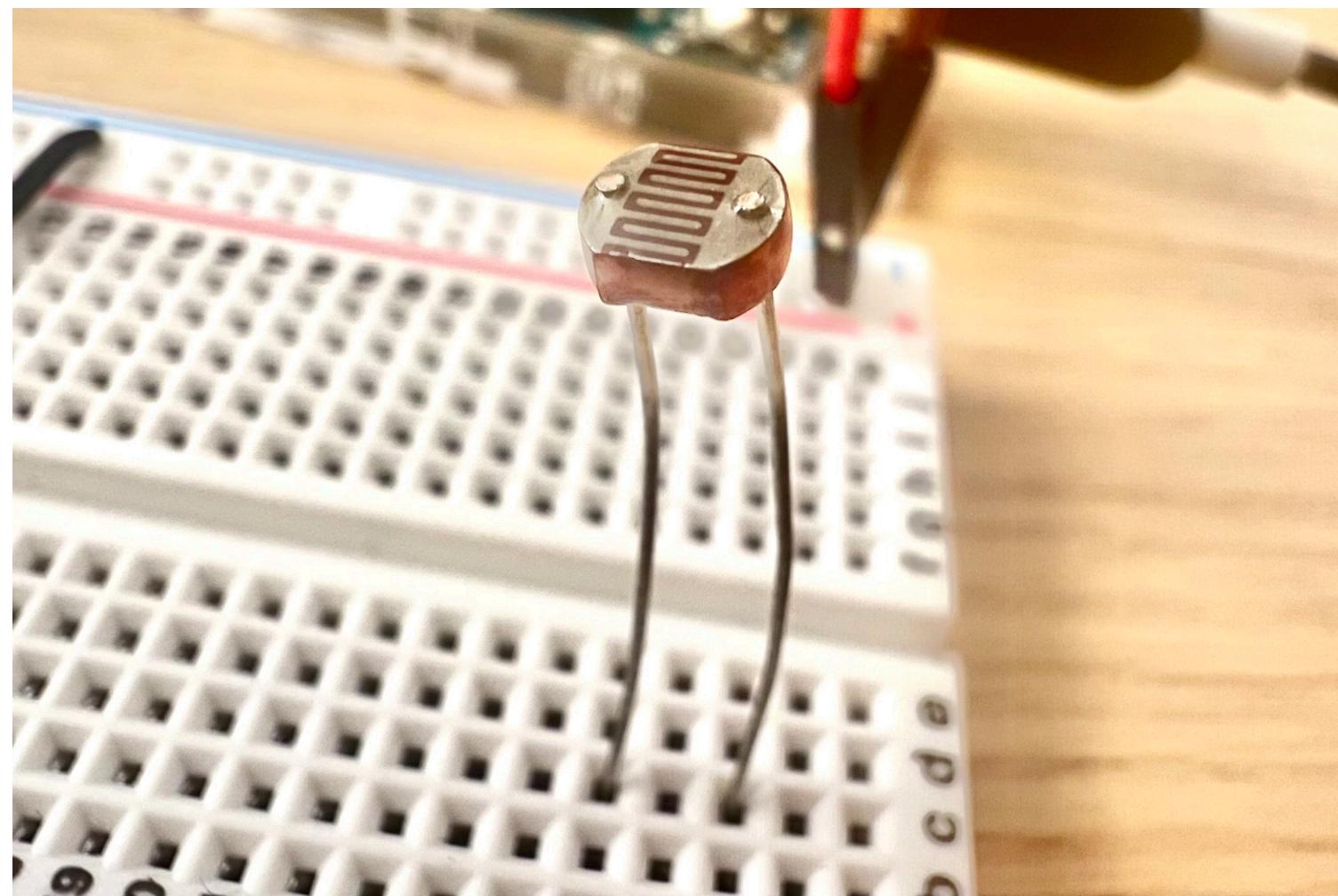
10k Ω

Regular ol' Resistor



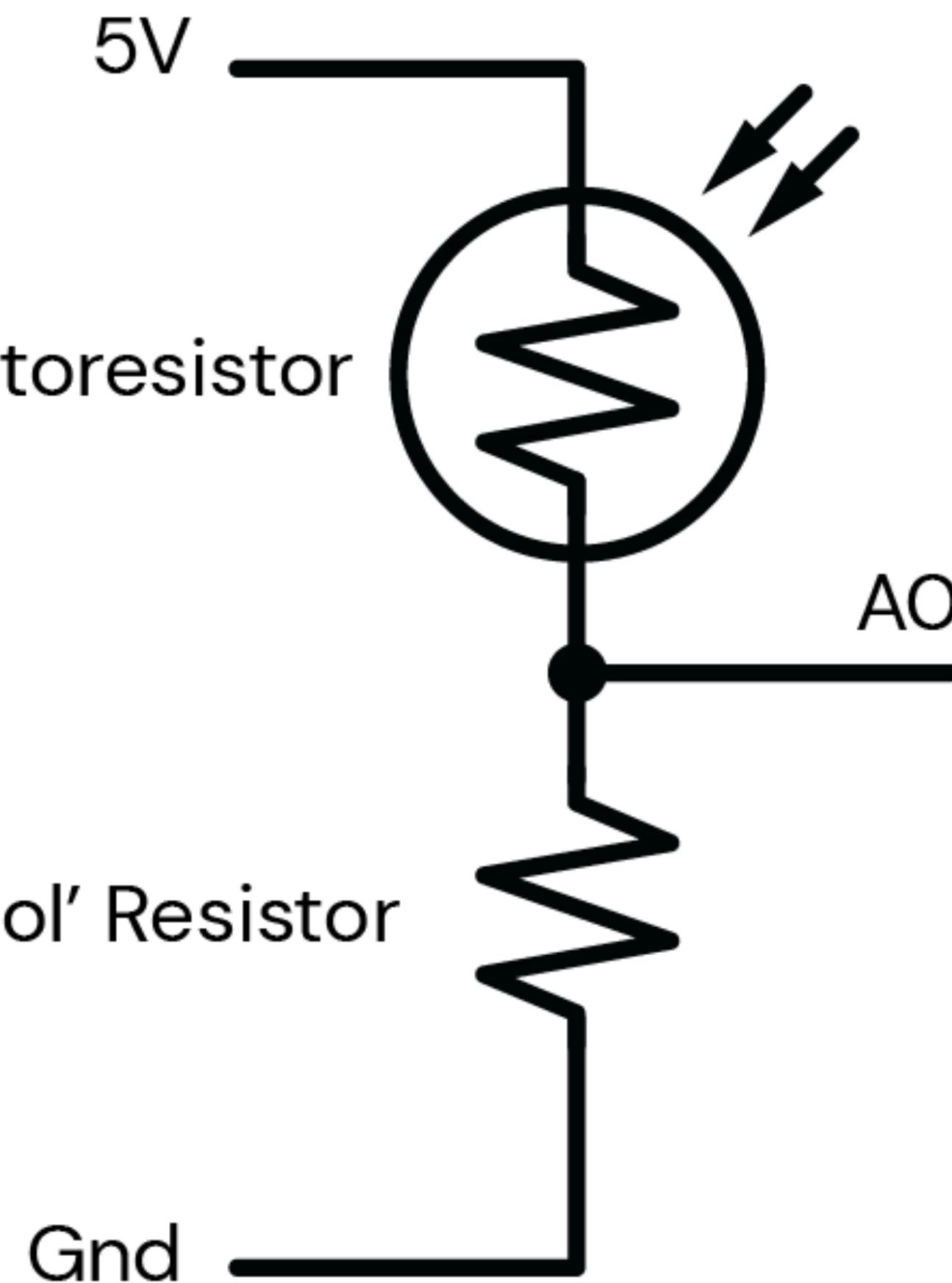
Photoresistors

In DARK conditions

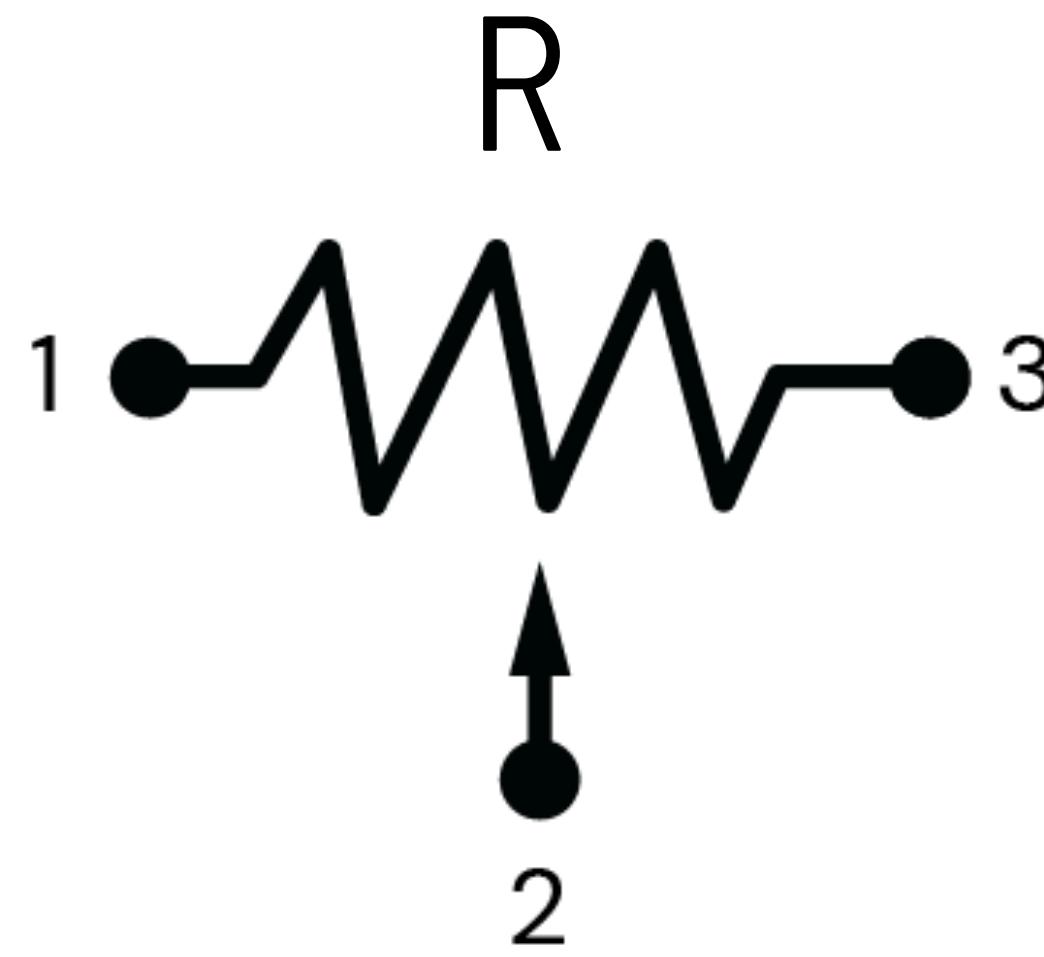


100k Ω

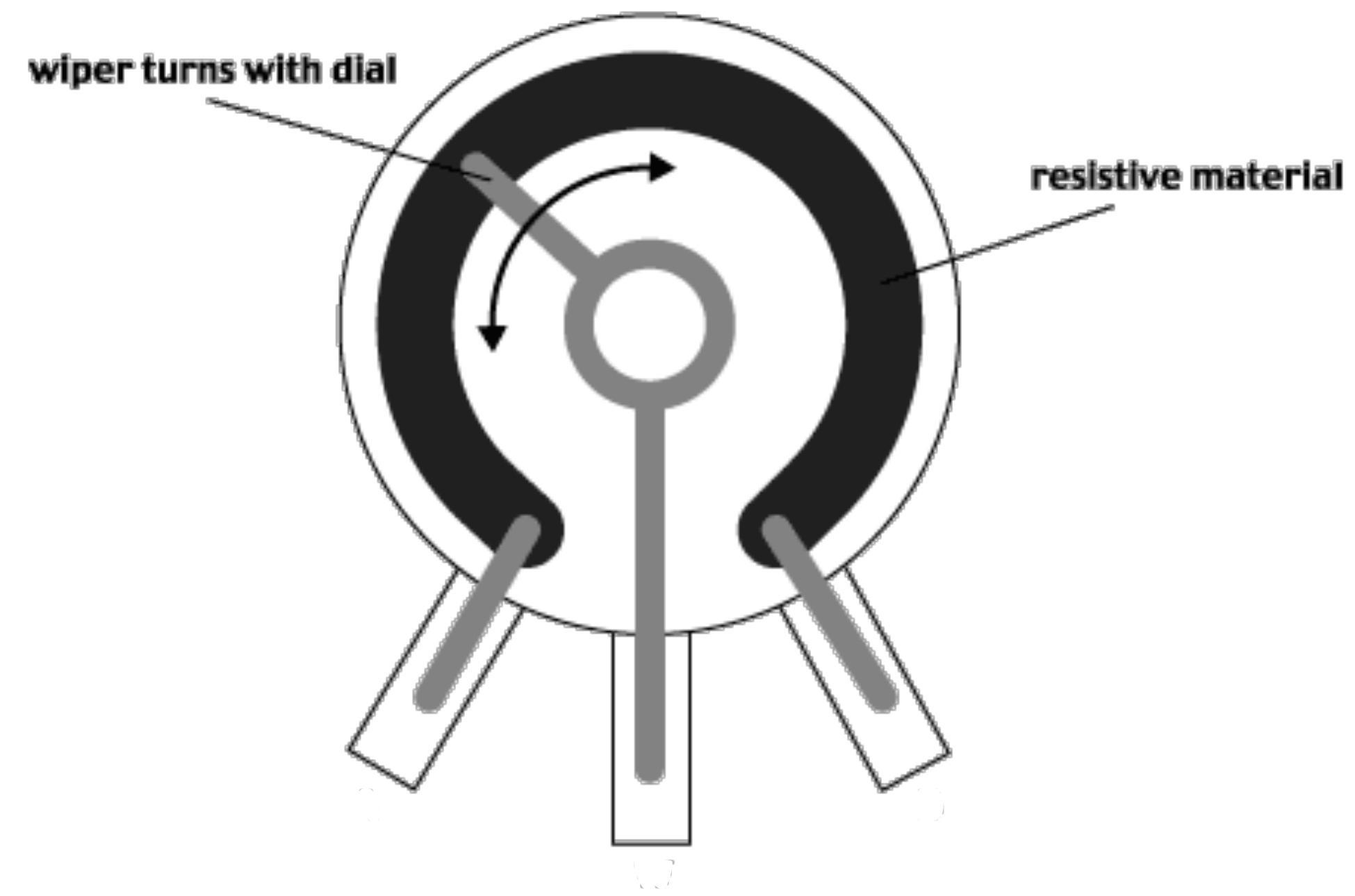
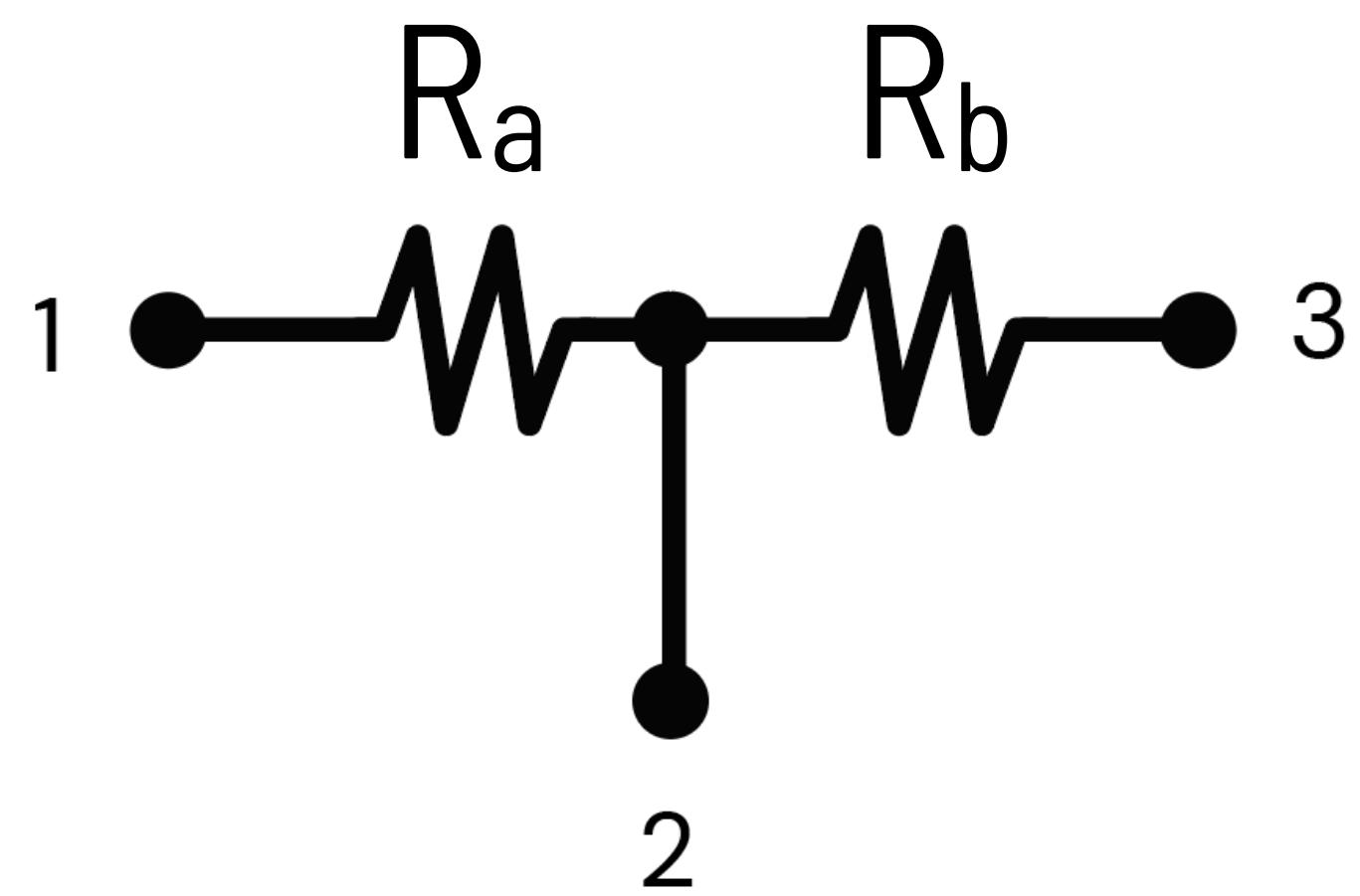
10k Ω Regular ol' Resistor



Potentiometer



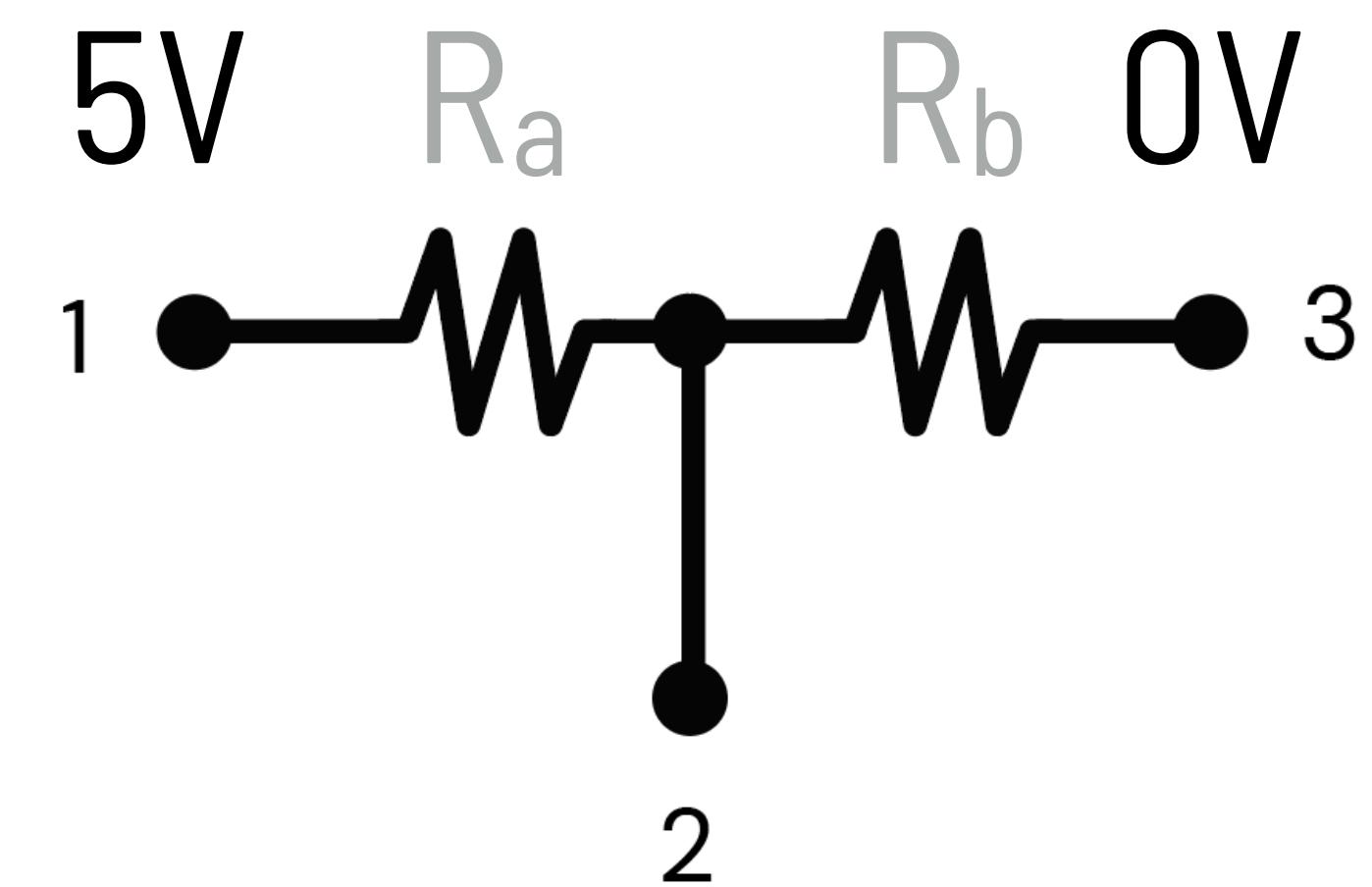
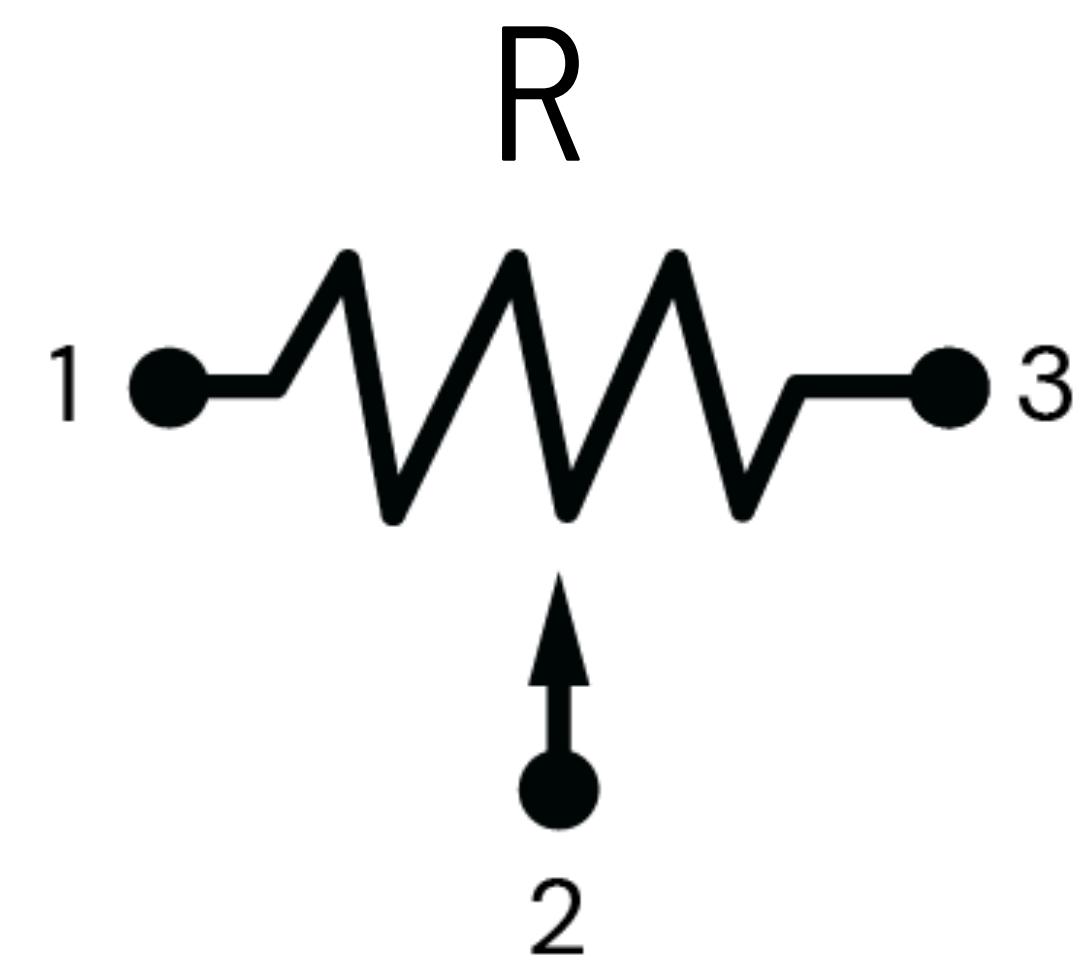
$$R_a + R_b = R$$



Potentiometer



$$R_a + R_b = R$$



Last time

List as many diffusers as you can...

The Illuminations App

You went to...

<https://github.com/sosolimited/MIT-Illuminations>

Downloaded the 'built' code

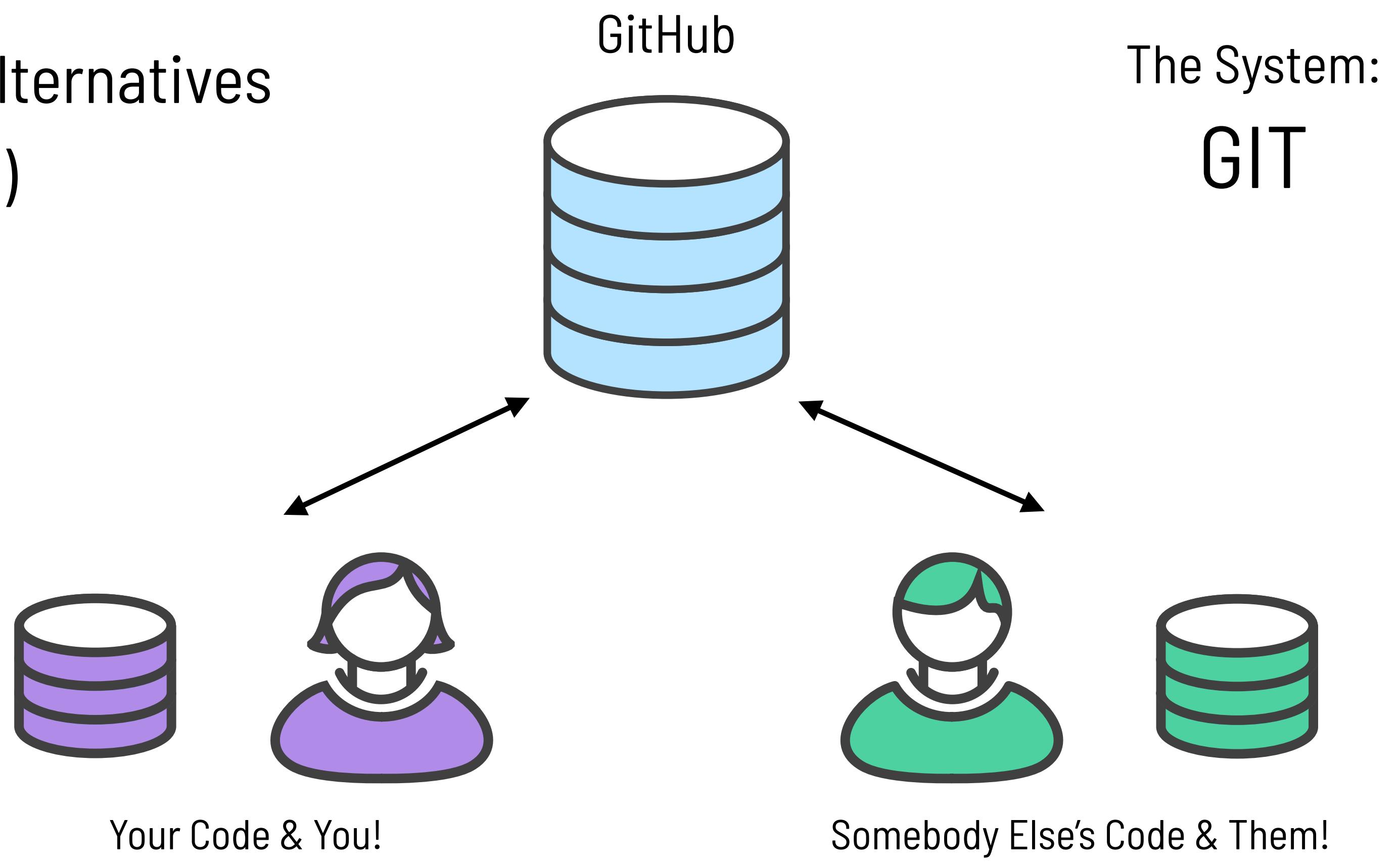
GIT & GitHub

GIT: Version Control System for your Code

GitHub: Hosting for your Code (alternatives exist, like BitBucket, GitLab, etc.)



Github Octocat



Git

Quoting Linus: "I name all my projects after myself."

('git' is British slang for "pig headed, think they are always correct, argumentative").

- Random three-letter combination that is pronounceable, and not actually used by any common UNIX command. The fact that it is a mispronunciation of "get" may or may not be relevant.
- "Global information tracker": you're in a good mood, and it actually works for you. Angels sing and light suddenly fills the room.
- "Goddamn idiotic truckload of sh*t": when it breaks

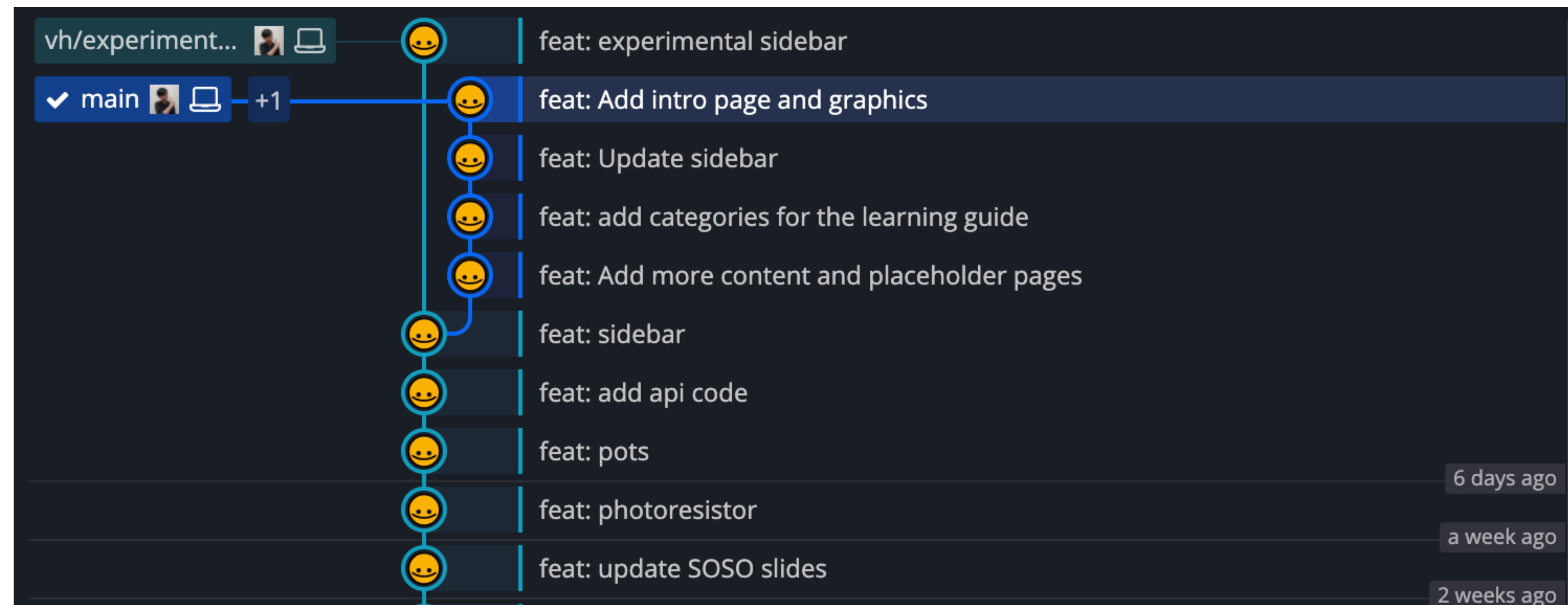
Git

learn.illuminations.mit.edu

<https://github.com/poofytoo/illuminations-seminar>



Git



GitHub

MIT Enterprise: github.mit.edu

Track issues & more!

<https://github.com/sosolimited/MIT-Illuminations>

In-browser Editor (press .)

It's your turn!

<https://mitadmissions.org/blogs/author/petey/>

<https://github.mit.edu/vhung/seminar-attendance>