

Lesson 17: Physical Outputs and LEDs

Overview

In this lesson, you will learn to use wires to create devices with external LEDs and add code to control these lights.

Vocabulary

- **Circuit** - A device that provides a path for an electric current to flow, often modifying that current. In computers, circuits allow for simple logical and mathematical operations using electricity.
- **Prototype** - A first or early model of a product that allows you to test assumptions before developing a final version.








Introduced Code

- `digitalWrite(pin, value)`
- `pinMode(pin, mode)`
- `var myLed = createLed(pin);`

Resources

- [Circuits and LEDs](#) - Resource

Levels

 1	Setup
 2	Predict
 3-5	Skill Building
	<div><div>3</div><div>4</div><div>5</div></div>
 6	Practice
 7 	Assessment
 8	Challenge