

Week 2: Blink: the first program

Mokxi · one-page lesson plan

OBJECTIVE

A board, a pin and a program: digitalWrite and delay on a real Arduino Uno model.

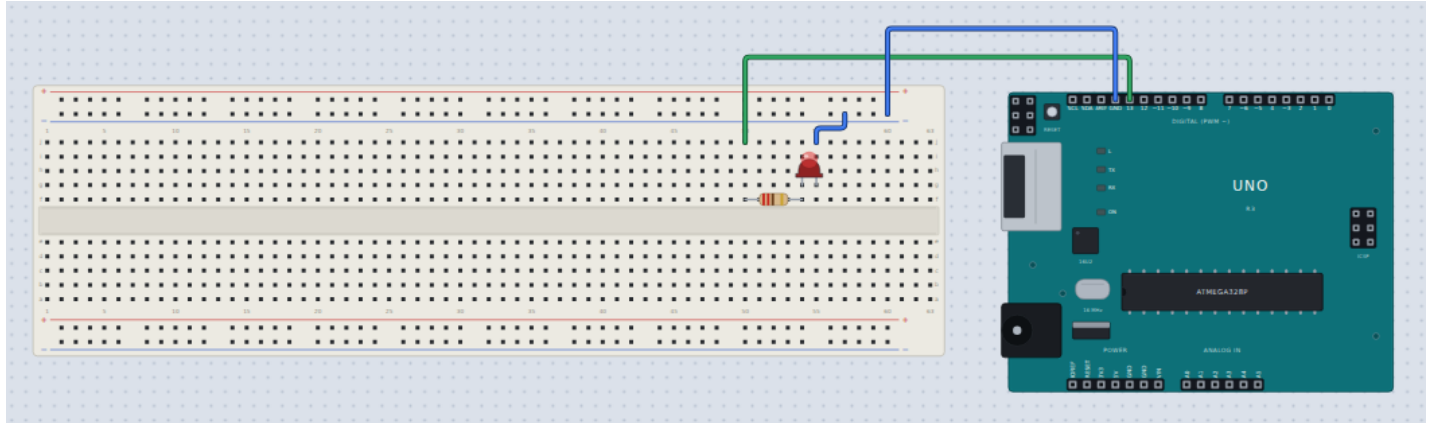
WHAT YOU NEED

Arduino Uno R3, breadboard, resistor, LED

STEPS

- Change the blink to 100 ms and confirm the speed readout still says 1.00x.
- Then add a second LED on another pin and try to blink it at a different rate with delay() alone.
- Write down why it cannot be done that way.

THE CIRCUIT



ASSESSMENT IDEA

A blink pattern written to a spec (three short, three long, three short), graded by opening the shared link and watching it run.

<https://mokxi.com/curriculum#week-2>