

- In programming, you can only add lines
 - Initialize the pin by typing pinMode (12, OUTPUT); to void setup () {
 - Define digitalWrite (12, LOW); and digitalWrite (12, HIGH) to the correct positions in the loop void loop () {

Part 3. Own circuit

Next, you need to let go of your creativity. The task is to make a circuit that responds to physical activity with another physical activity.

The physical activity that causes the reaction may be:

- sound
- light
- button press
- movement
- distance
- something else

The physical activity caused by the device may be:

- sound
- light
- movement
- something else

Use the Arduino environment whenever possible.

Build the device in a simulation environment and publish the work as open in TinkerCad to find the device from the environment.

- press **Send to** -> **share over IM or email** -> **invite people**. Copy the link and paste it in the return.

Return the device name and the link to the device in the submission box. In addition, write a brief description of how the device works. Once the exercise is approved, you can remove the device from the TinkerCad environment.

For more help and examples on coding, visit <https://www.arduino.cc/en/Guide/HomePage>

Edit submission

Remove submission

Submission status

Submission status	Submitted for grading
Grading status	Graded
Time remaining	Assignment was submitted 3 days 12 hours early
Last modified	Sunday, 14 January 2024, 3:57 AM
Online text	<p>+</p> <p>https://www.tinkercad.com/things/22gmkgxcPEc-circuit-simulation-1?sharecode=T6SxJd6HP7Lei6fIMlIbayQCCagOPhICyoyphnDKdNbY</p>
Submission comments	<p>► Comments (0)</p>