U3-2.1a Change it up: Try a clap instead

Remember Edison's sound sensor? This **is the special bit of tech that's both a buzzer** and a sound sensor. This is the bit of Edison that makes noise, like beeps or musical notes, but can also detect sounds, like a clap.

You can use Edison's sound sensor to trigger an interrupt in a program. That way, you can make a decider bot that responds to the sound of a clap!

What to do

Write a program to turn Edison into a decider bot. Your main program should have Edison flash its two LEDs on and off forever. You also need a subroutine that will interrupt the main program if the robot detects a clap. Your subroutine should tell Edison to wait for a few sounds so that you can see which LED is on and get your answer.

Don't forget

In EdScratch, you need to use a block from the Events category to act as an interrupt and be the first block at the start of any subroutine.

Download your program to your Edison robot and test it out.

Hint!

You can use the decider bot program from activity U3-2.1 as a base for your program.