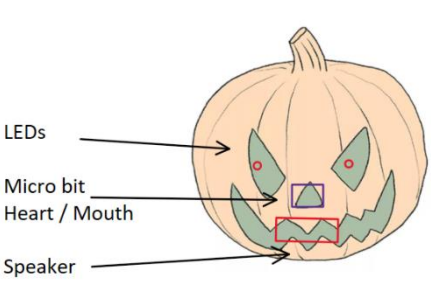
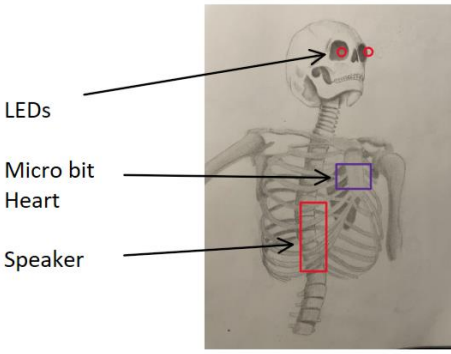
Halloween project





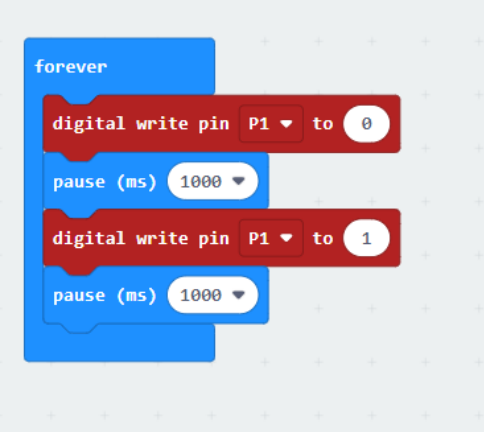
Overview

Create / Draw a skeleton or pumpkin
Use LED Light for the eyes
Micro bit for heart or mouth
Connect to external speak to extra volume

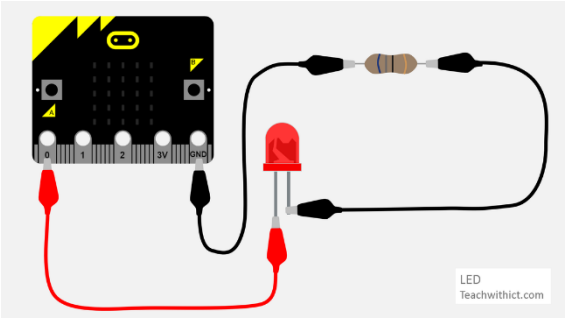
{Step 1 } – Create the flashing eyes

Click on the Pins and Digital write Pin to 0 from Advanced Category in the Toolbox add to into the `forever` block.

Add Pause from `Basic`. Set to 1000 (ms)

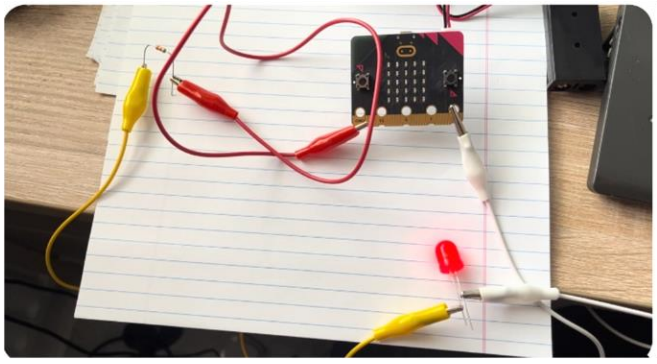


Create and Test the LED circuit



The resistor is required to stop the LED from blowing or burning out.

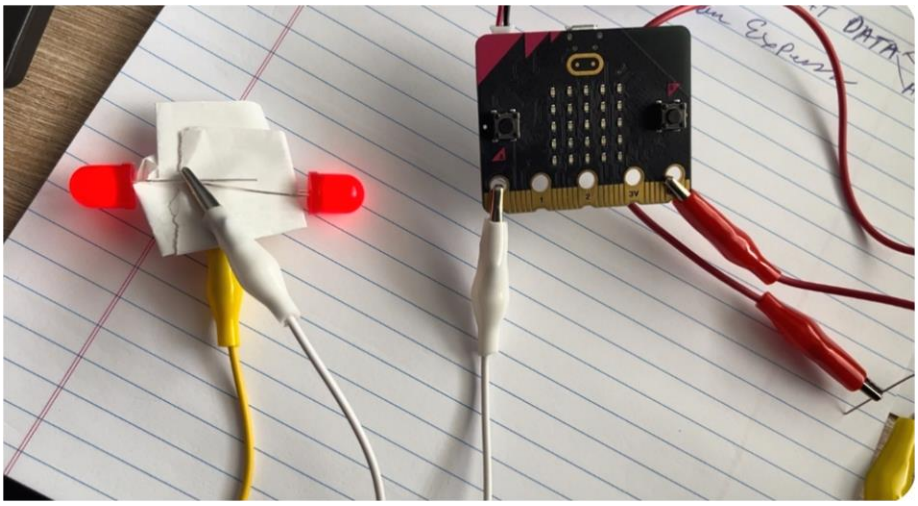
Make sure you connect the short leg of led to negative or ground



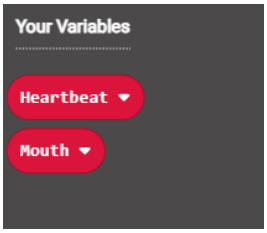
{Step 2} Connect 2 LED to make the Eyes

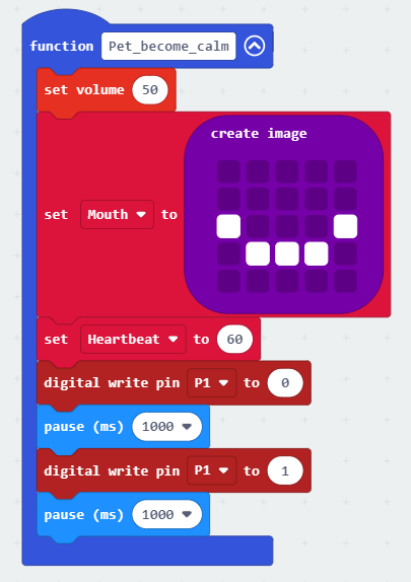
Note I used a paper to stop the led legs from touching,

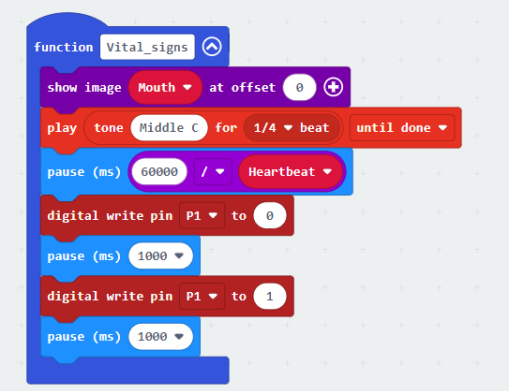
The brightness will drop when you add second Led.

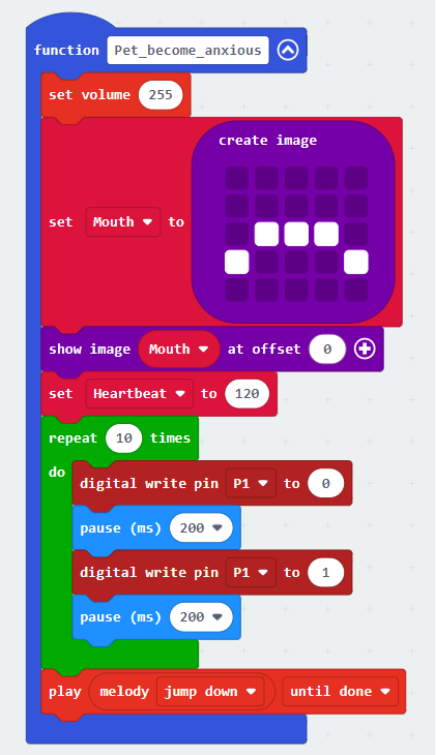


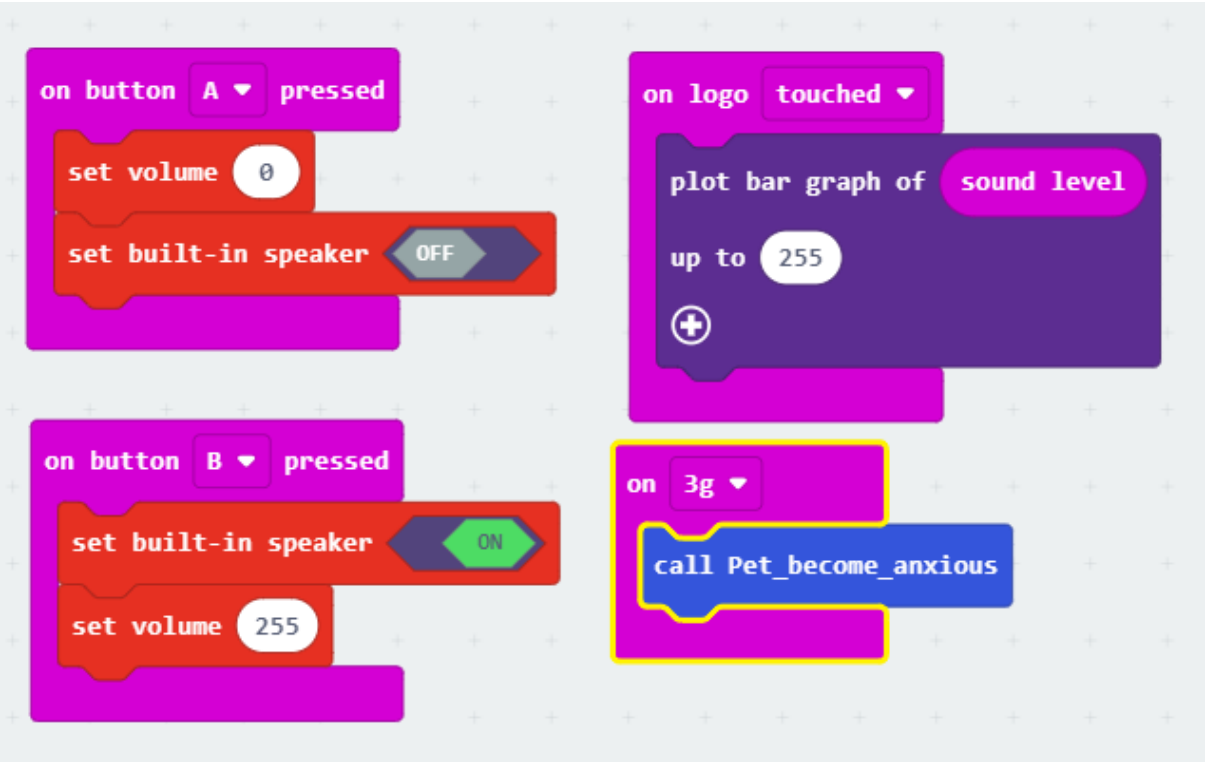
{Step 3} Coding the Scary Pumkin / Skeleton







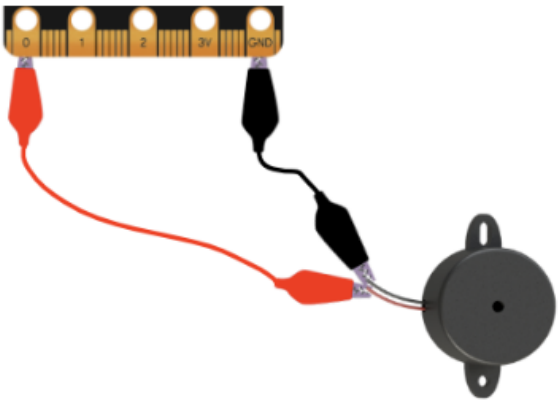




Connection

Headphones/Audio jack

Connect **Pin0 to the tip** and **GND to the sleeve** of the jack. If you have four rings on the headphones, choose the top and bottom rings.

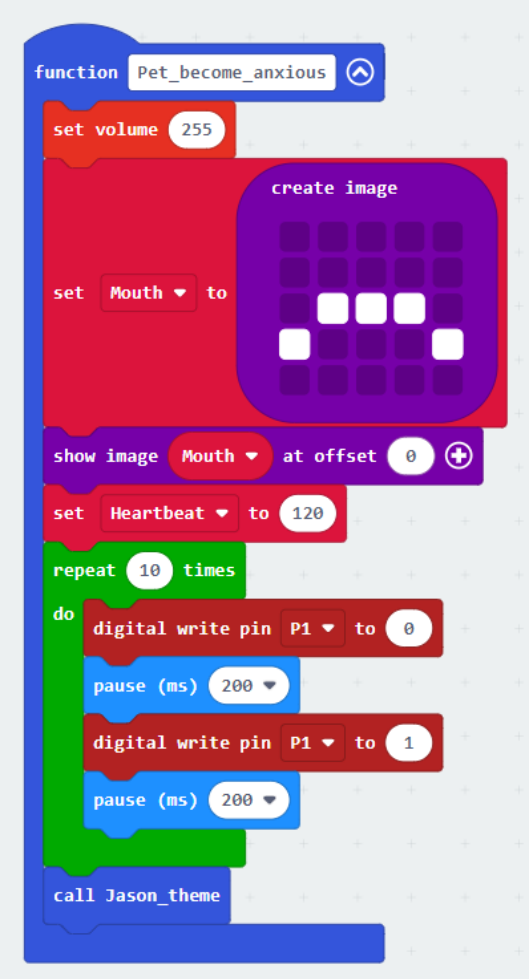


Piezo speaker

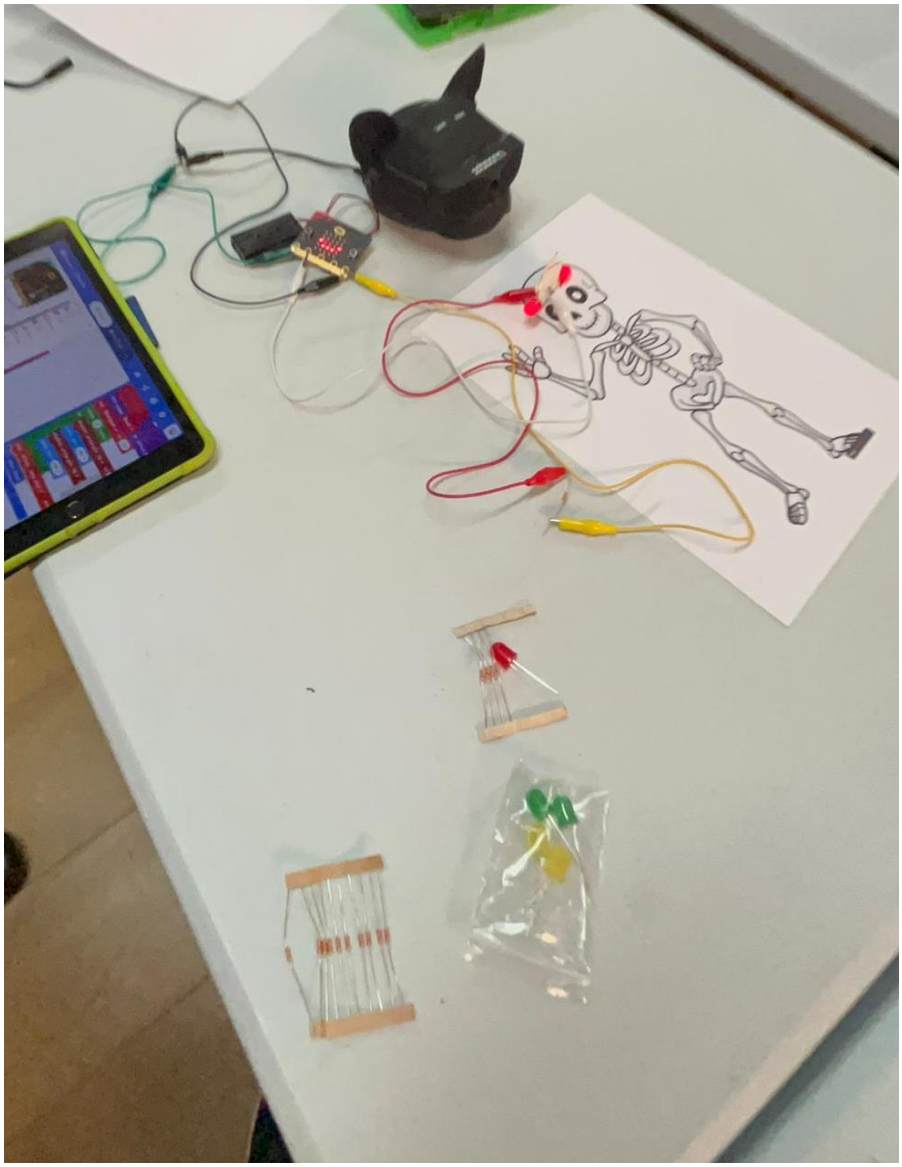
Connect **Pin0 to the red lead** and **GND to the black** lead of the speaker.

{Step 4} Coding the Scary Pumkin / Skeleton

Update the last part to call Jason theme



Download working project.

QR Code

https://makecode.microbit.org/S19182-85784-09452-68165