

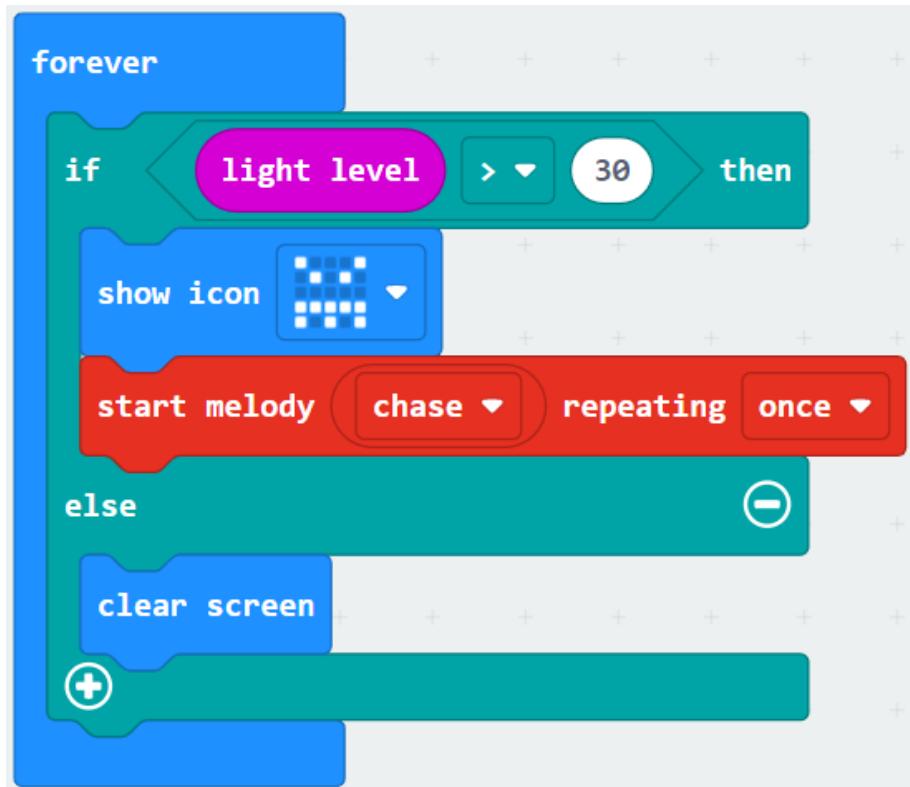
# Cookie Tin Alarm



Has anyone been in your cookie tin? You can program your micro:bit to act as an alarm to let you know!

- The program turns the micro:bit's LED display into a light sensor.
- Put your micro:bit into the tin you wish to protect. When the lid is opened, the light sensor detects a change in light level and triggers the alarm.
- The program uses an infinite loop to keep sensing the light level.
- Selection ('if... else') and comparison logic ( $> 30$ ) are used so that if the light level is above a certain amount, an angry face appears on the display; else, it clears the screen.

## Code



Load this on a micro:bit when you are done and have it checked off.