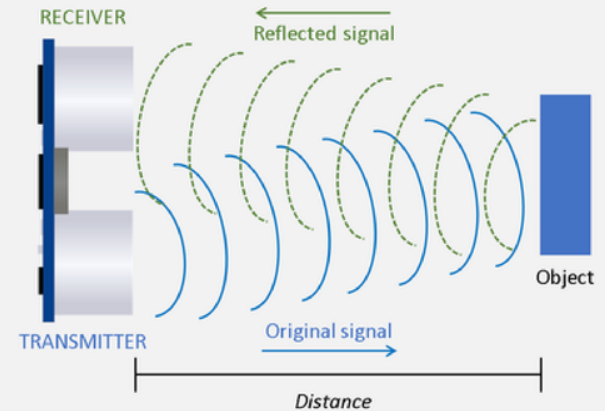




# mBot Neo Ultrasonic Sensor (or Distance Sensor)

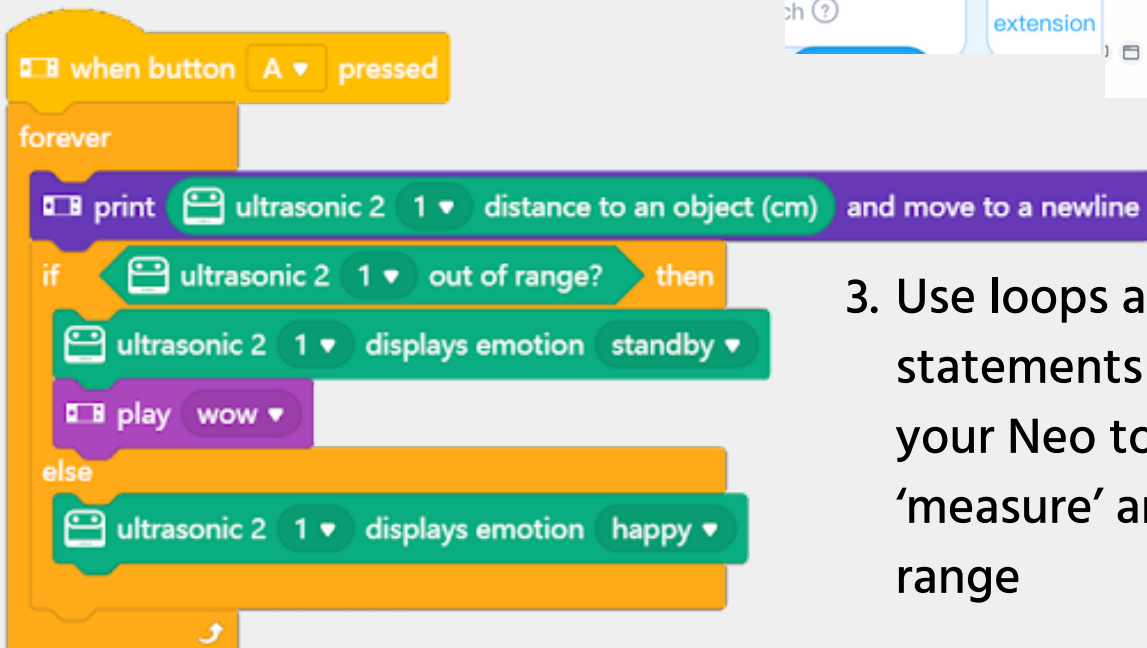
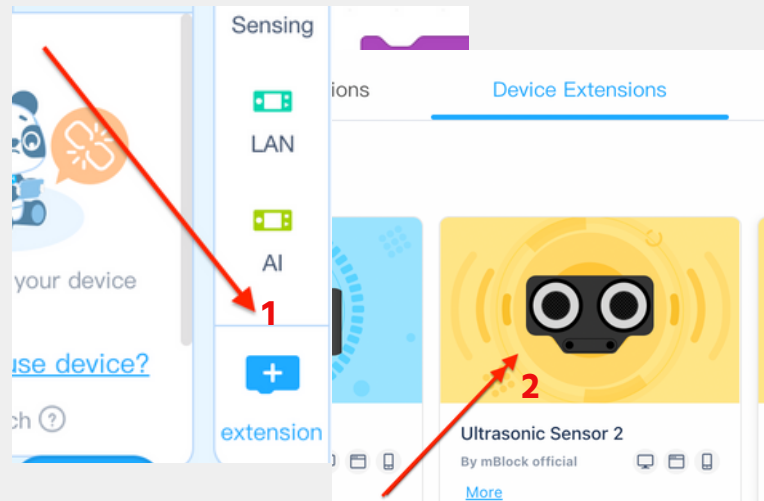
## What is it ?

- A sensor that
  - detects objects using ultrasonic sound waves
  - sends and receives ultrasonic signal
  - can be used to measure distance or avoid collision



## Using the Distance Sensor to Detect & Measure!

1. Go to mBlock app and click on + (add) extension to add Device Extensions
2. Add Ultrasonic Sensor 2 Extension



3. Use loops and conditional statements (if/then) to code your Neo to 'detect' and 'measure' an object within range