

Clap and Nod

This program uses counters to hear claps and then cause MiRo to nod in response.

```
Program Start
count with i from 1 to 10 by 1
do
  Run code print "waiting for clap..."
  Play tone of 500 Hz for 0.5 seconds at volume 100
  Wait for clap
  Run code print "loop", i
  Raise/Lower Head Lower
  Wait for 1 Seconds
  Raise/Lower Head Raise
  Wait for 1 Seconds
```

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BEST WAY TO DEMONSTRATE

Simulator: *Very effective*

Robot: *Very effective*

SENSORS & OUTPUTS USED

Microphone, speaker and user script log

DESCRIPTION

This demonstration program uses counters to hear a series of claps which causes MiRo to nod in response. This all runs within recorded and counted loops.

EXTENSIONS

-  Use counters to complete different actions or add to the clap and nod.