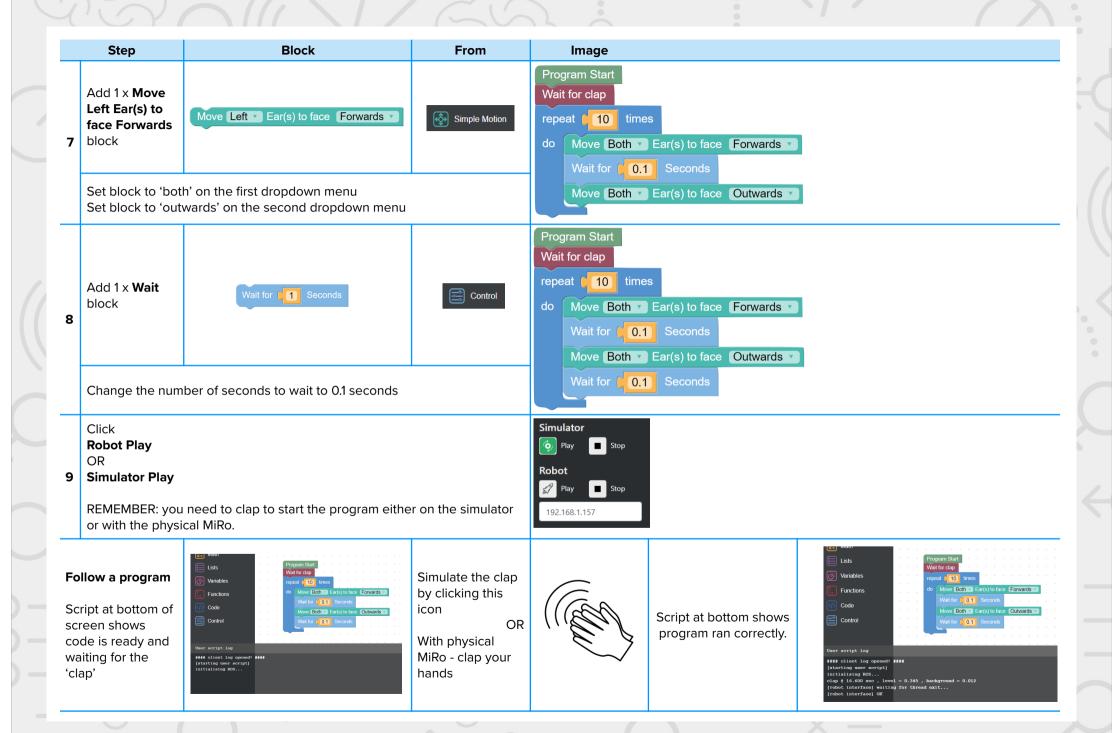
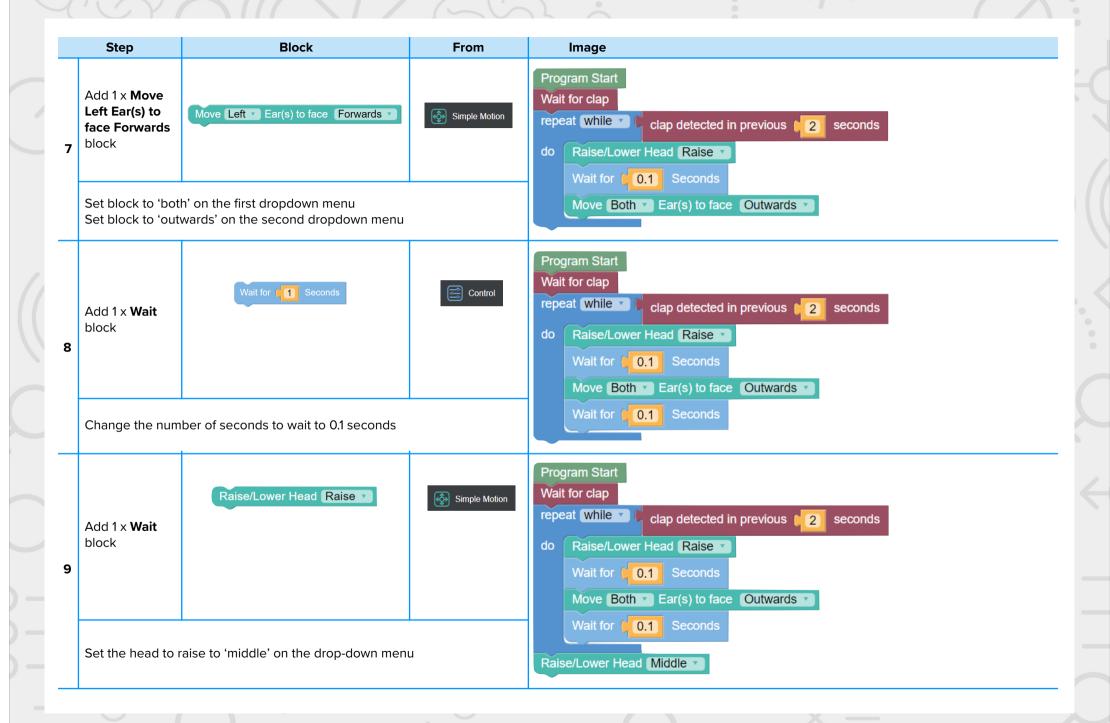
ACTIVITY 1 Step-by-Step - Simulate MiRo to wag it's ears when clapping

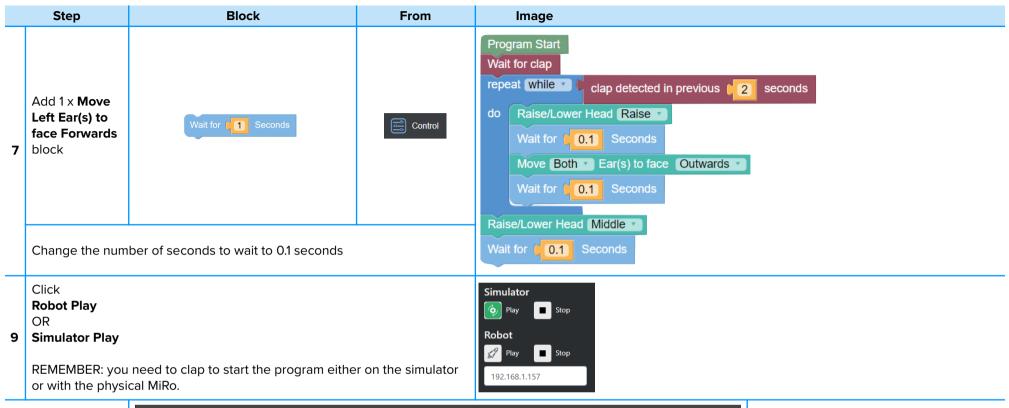
	Step	Block	From	Image
1	Add 1 x Program Start block	Program Start	Setup	on Program Start
2	Add 1 x Wait for Clap block	Wait for clap	Sensors	Program Start Wait for clap
3	Add 1 x Repeat 10 Times block	repeat 10 times	Loops	Program Start Wait for clap repeat 10 times do
4	Add 1 x Move Left Ear(s) to face Forwards block	Move Left Ear(s) to face Forwards	Simple Motion	Program Start Wait for clap repeat 10 times do Move Left Ear(s) to face Forwards
5	Set block to 'both' on the first dropdown menu			Program Start Wait for clap repeat 10 times do Move Both Ear(s) to face Forwards
6	Add 1 x Wait block	Wait for 1 Seconds	Control	Program Start Wait for clap repeat 10 times do Move Both Ear(s) to face Forwards
	Change the number of seconds to wait to 0.1 seconds			Wait for 0.1 Seconds



ACTIVITY 2 Step-by-Step - Create a program to enable MiRo to react to a clap for a set amount of time

	Step	Block	From	Image
1	Add 1 x Program Start block	Program Start	Setup	Program Start
2	Add 1 x Wait for Clap block	Wait for clap	Sensors	Program Start Wait for clap
3	Add 1 x Repeat While block	repeat while value do	Loops	Program Start Wait for clap repeat while v do
4	Add 1 x Clap Detected in Previous 2 Seconds block	clap detected in previous 2 seconds	Sensors	Program Start Wait for clap repeat while v clap detected in previous 2 seconds
5	Add 1 x Raise/ Lower Head [raise] block	Raise/Lower Head Raise	Simple Motion	Program Start Wait for clap repeat while clap detected in previous 2 seconds do Raise/Lower Head Raise
6	Add 1 x Wait block	Wait for 1 Seconds	Control	Program Start Wait for clap repeat while clap detected in previous 2 seconds do Raise/Lower Head Raise
	Change the number of seconds to wait to 0.1 seconds			Wait for 0.1 Seconds





EXTENSION

Click the button above the block code with the word 'Blockly' on it and switch the screen to 'python'.

```
# # inports
imports
import time
import nine
import nin
```

Can you narrate anything that happens in the code?