

# **Using Interactive Technology to Teach Basic Algorithmic Instructions (Wanda) – Commented Code**



This will make the  
Cozmo go forward at  
full speed for 4  
seconds



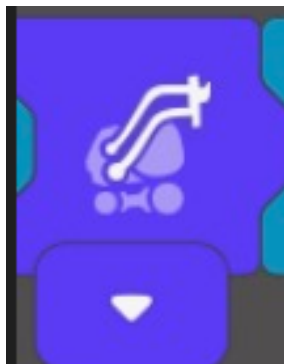
This will make the  
Cozmo turn 90  
degrees  
counterclockwise



This will make the  
Cozmo look for the  
cube



This will make the  
Cozmo turn 90  
degrees clockwise



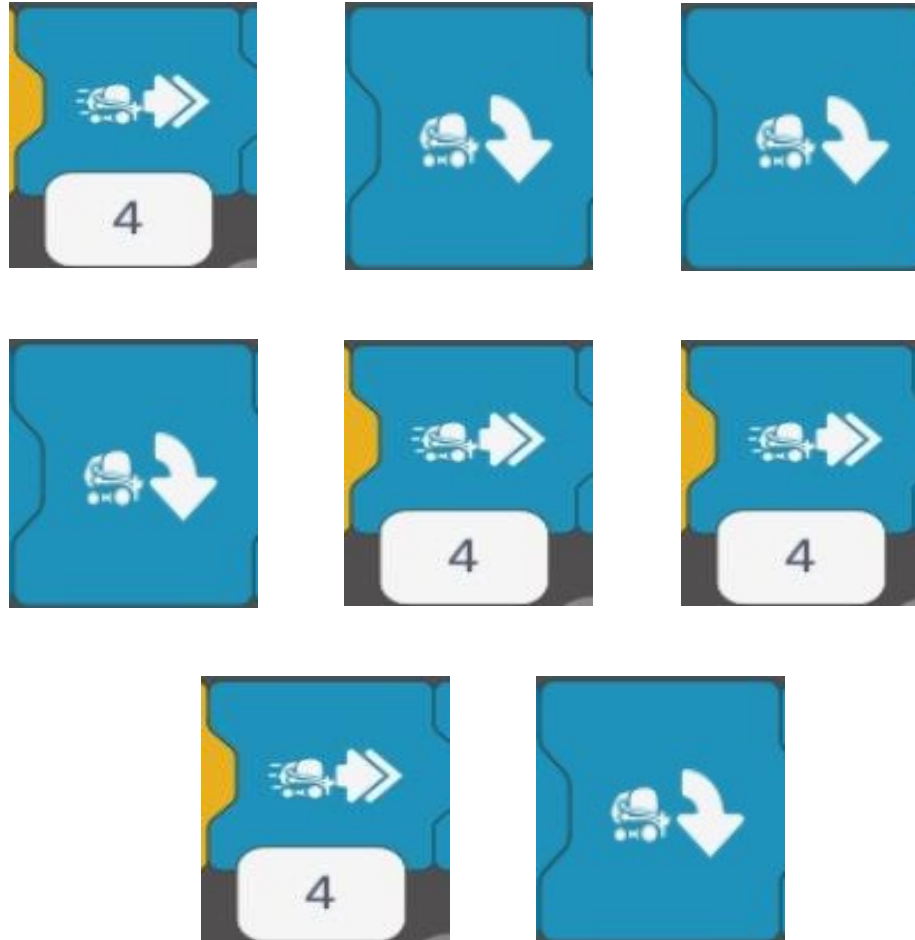
This will make the  
Cozmo pick up the  
cube



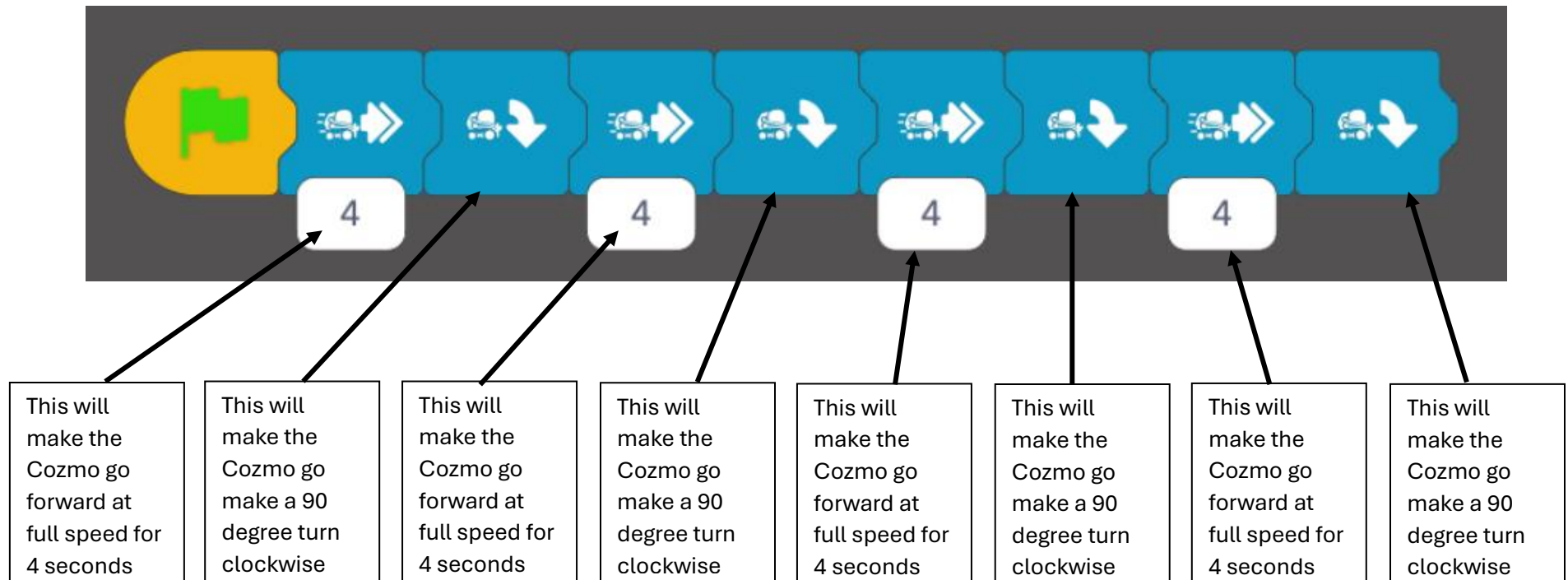
This will make the  
Cozmo put down the  
cube

### List of Code to Make a Square

Use the code blocks below to have Cozmo make in a square



### Solution for Square Code

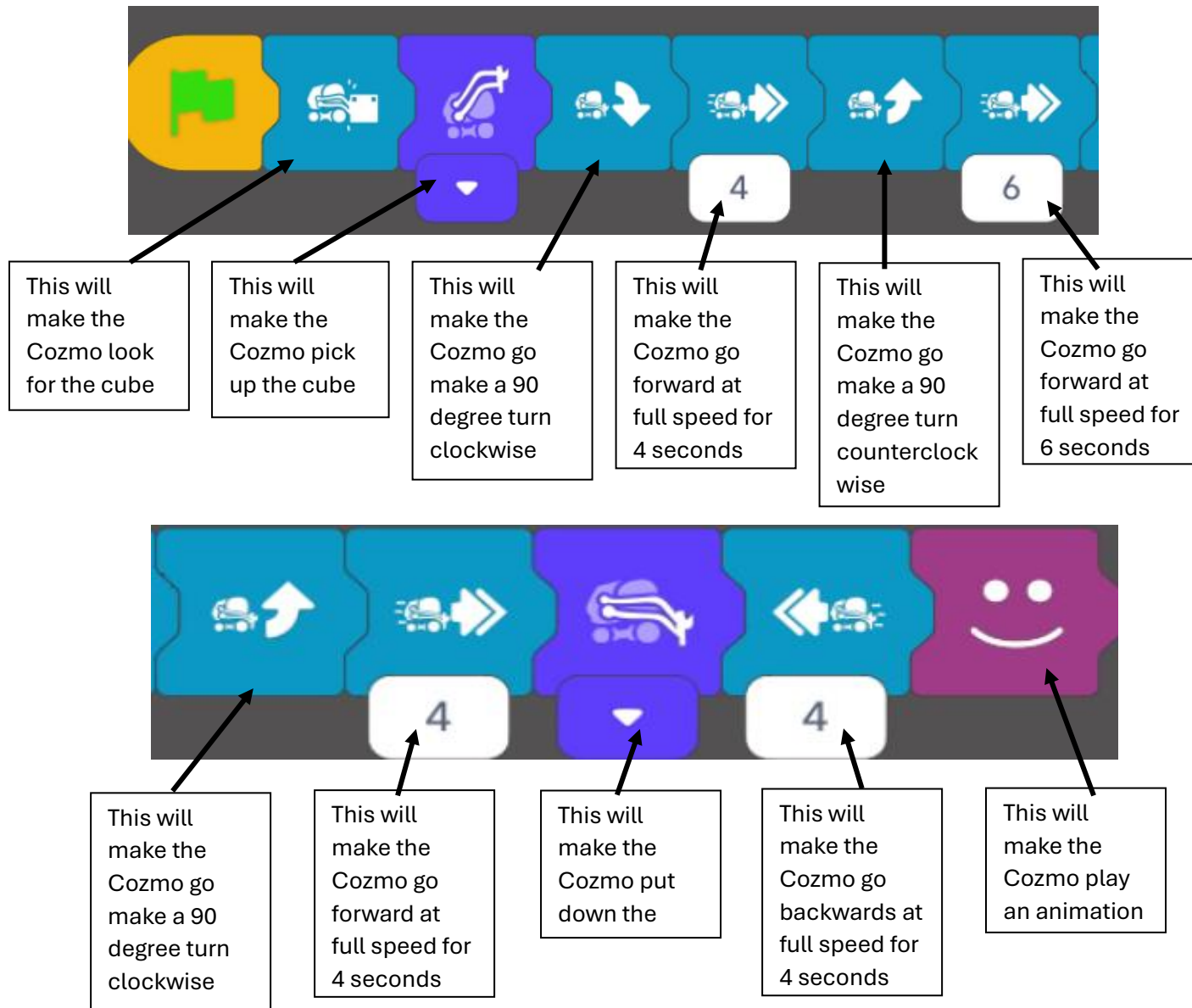


### List of Code to Pick Up and Move Cube

Use the code blocks below to have Cozmo pick up and move the cube

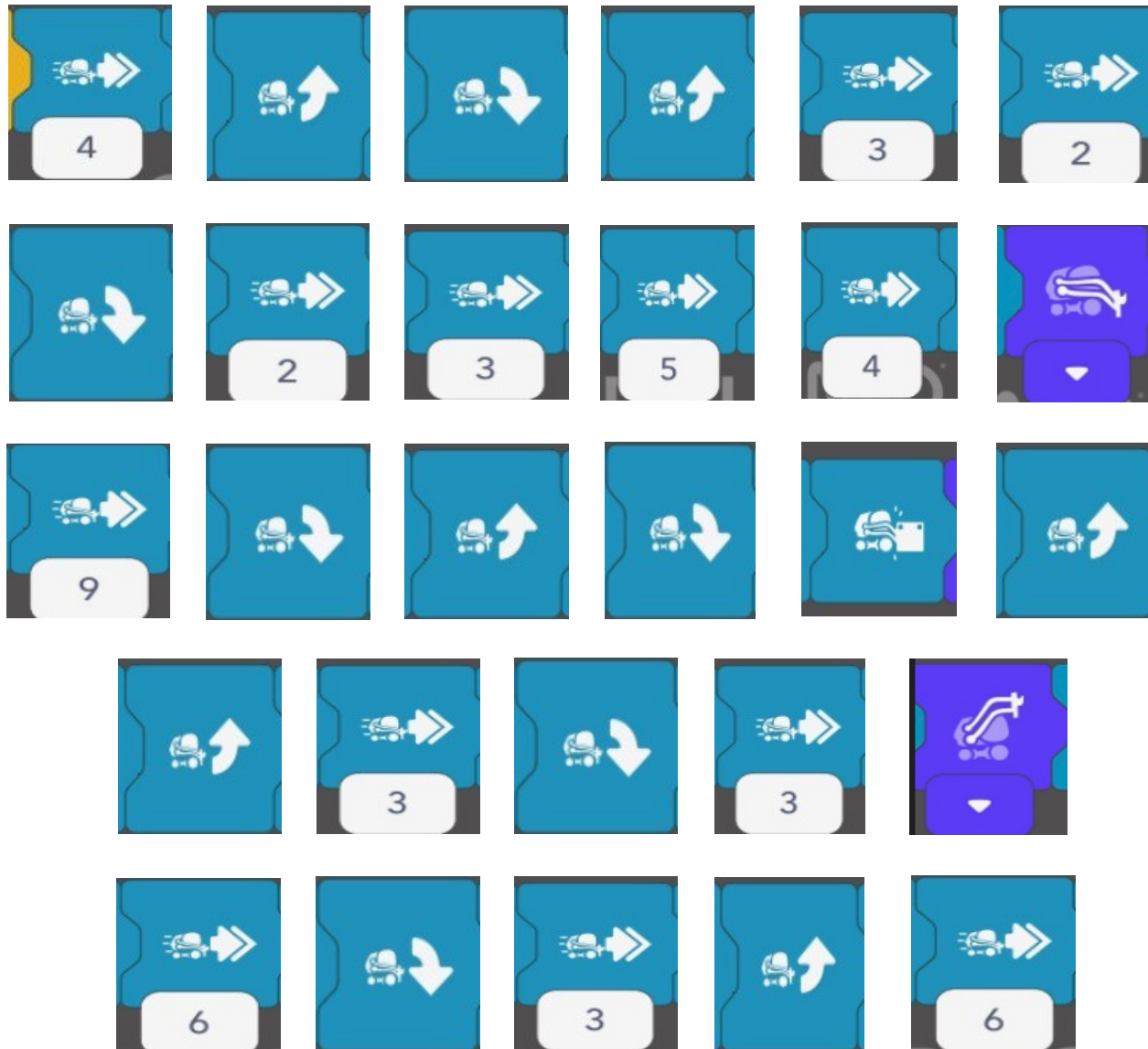


### Code Solution to Pick Up Cube

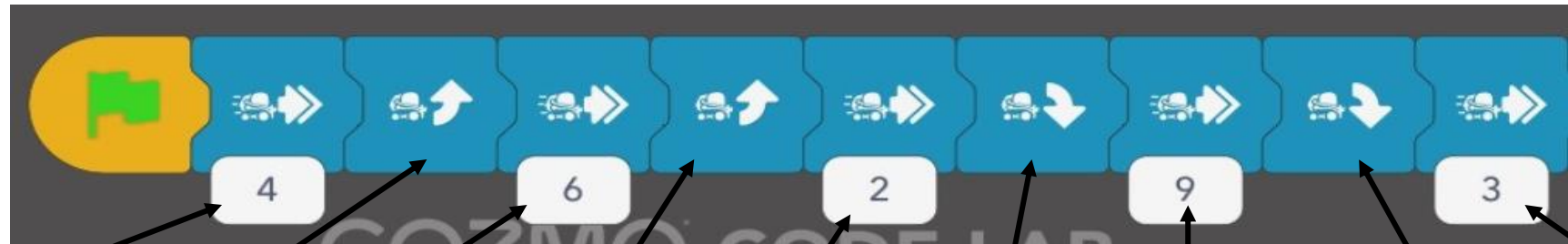


### List of Code Blocks for Maze

Use the code blocks below to navigate Cozmo through the maze and pick up the cube



## Maze Code Solution



This will make the Cozmo go forward at full speed for 4 seconds

This will make the Cozmo go make a 90 degree turn counterclock wise

This will make the Cozmo go forward at full speed for 6 seconds

This will make the Cozmo go make a 90 degree turn counterclock wise

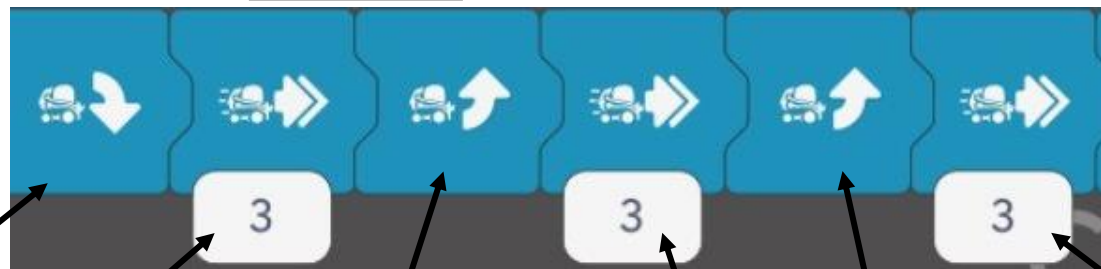
This will make the Cozmo go forward at full speed for 2 seconds

This will make the Cozmo go make a 90 degree turn clockwise

This will make the Cozmo go forward at full speed for 9 seconds

This will make the Cozmo go make a 90 degree turn clockwise

This will make the Cozmo go forward at full speed for 3 seconds



This will make the Cozmo go make a 90 degree turn clockwise

This will make the Cozmo go forward at full speed for 3 seconds

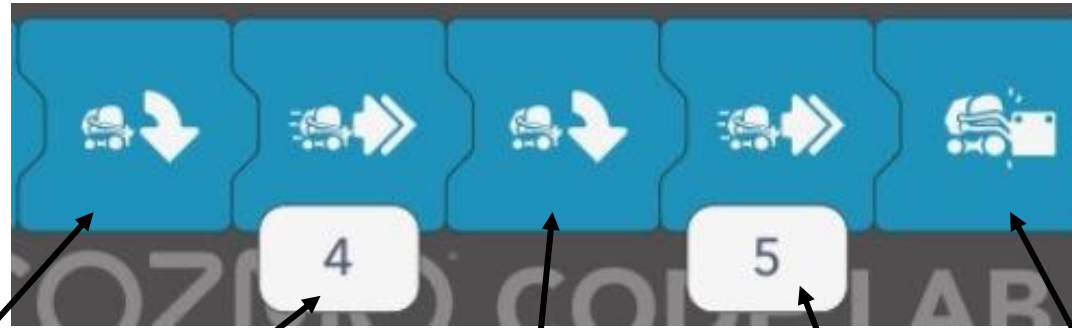
This will make the Cozmo go make a 90 degree turn counterclock wise

This will make the Cozmo go forward at full speed for 3 seconds

This will make the Cozmo go make a 90 degree turn counterclock wise

This will make the Cozmo go forward at full speed for 3 seconds





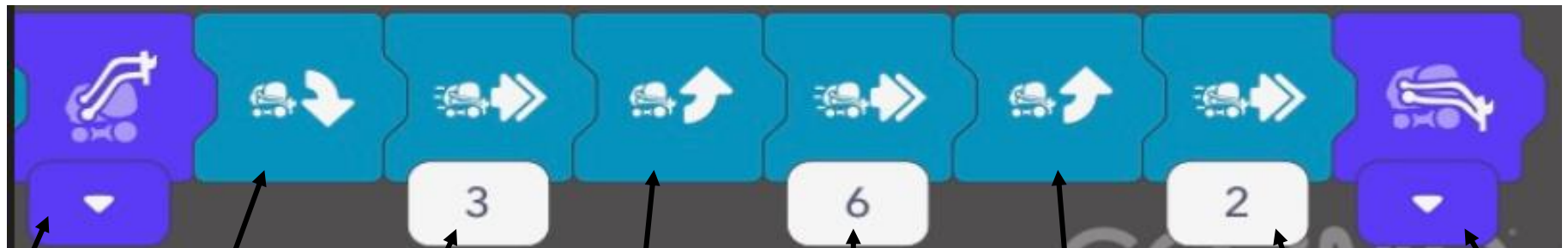
This will make the Cozmo go make a 90 degree turn clockwise

This will make the Cozmo go forward at full speed for 4 seconds

This will make the Cozmo go make a 90 degree turn clockwise

This will make the Cozmo go forward at full speed for 5 seconds

This will make the Cozmo look for the cube



This will make the Cozmo pick up the cube

This will make the Cozmo go make a 90 degree turn clockwise

This will make the Cozmo go forward at full speed for 3 seconds

This will make the Cozmo go make a 90 degree turn counterclock wise

This will make the Cozmo go forward at full speed for 3 seconds

This will make the Cozmo go make a 90 degree turn counterclock wise

This will make the Cozmo go forward at full speed for 2 seconds

This will make the Cozmo put down the