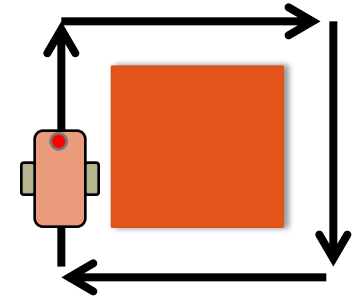**Loops**

By Sanjay and Arvind Seshan

BEGINNER PROGRAMMING LESSONS

LESSON OBJECTIVES

1.   Learn how to repeat an action

2.   Learn how to use Loop Blocks

REPEATING AN ACTION

How can we play two different tasks multiple times (even forever)

You could do this and copy the two blocks several times:

But this will not work for running the two blocks forever

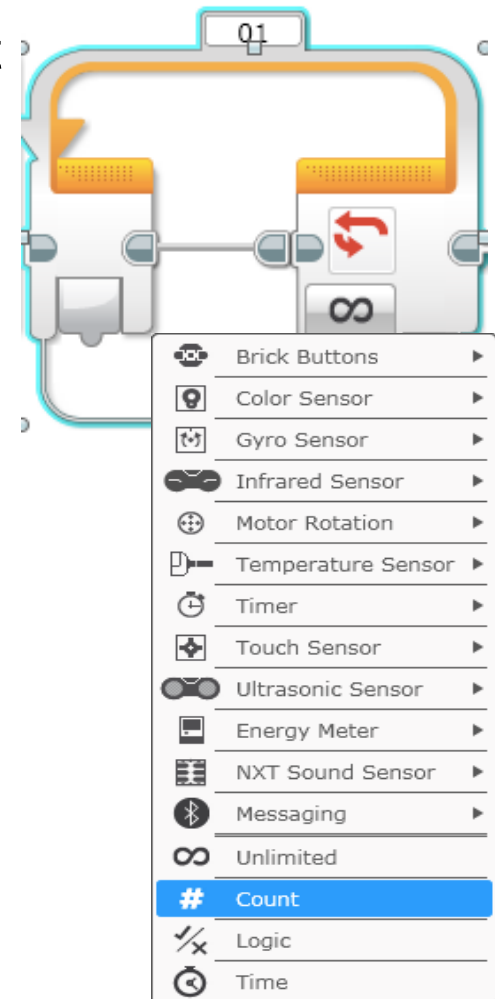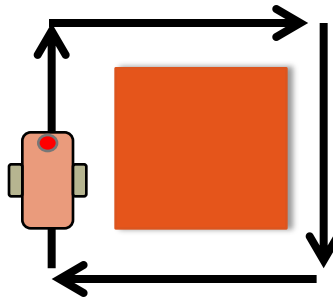Is there a way to accomplish our goal?

Hint:

LOOPS

Loops make repeating a task multiple times easy
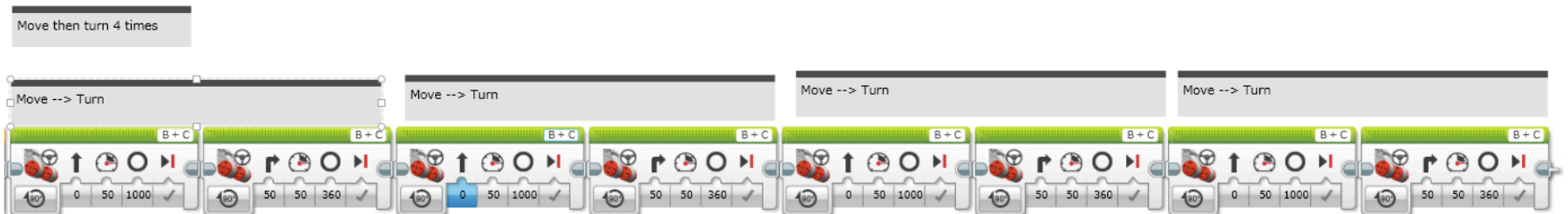
- You can have a loop end whenever you want

4

LOOP CHALLENGE

Challenge: Write a program to go around a box once.

The code should be an improvement on the code below (needs to use loops):

5

LOOP CHALLENGE SOLUTION

Run 4 times

CREDITS

- **This tutorial was created by Sanjay Seshan and Arvind Seshan**
- **More lessons are available at www.ev3lessons.com**