



Loops

By Sanjay and Arvind Seshan

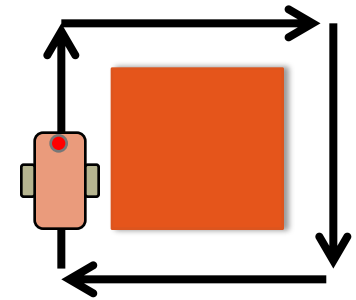
BEGINNER PROGRAMMING LESSONS

LESSON OBJECTIVES

1. Learn how to repeat an action
2. Learn how to use Loop Blocks

REPEATING AN ACTION

How can we move around a box using the commands we already know?



- (move + turn) + (move + turn) + (move + turn) ...



Is there an easier way?

Hint:

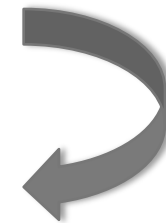


LOOPS



Loops make repeating a task multiple times easy

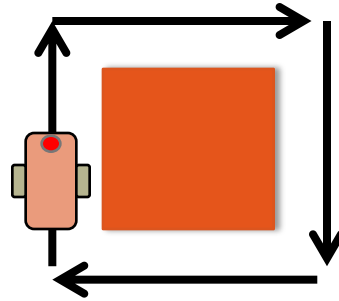
- KEEP GOING....Forever, for a Count, Until touch (or something else)



Repeat the
loop 4 times

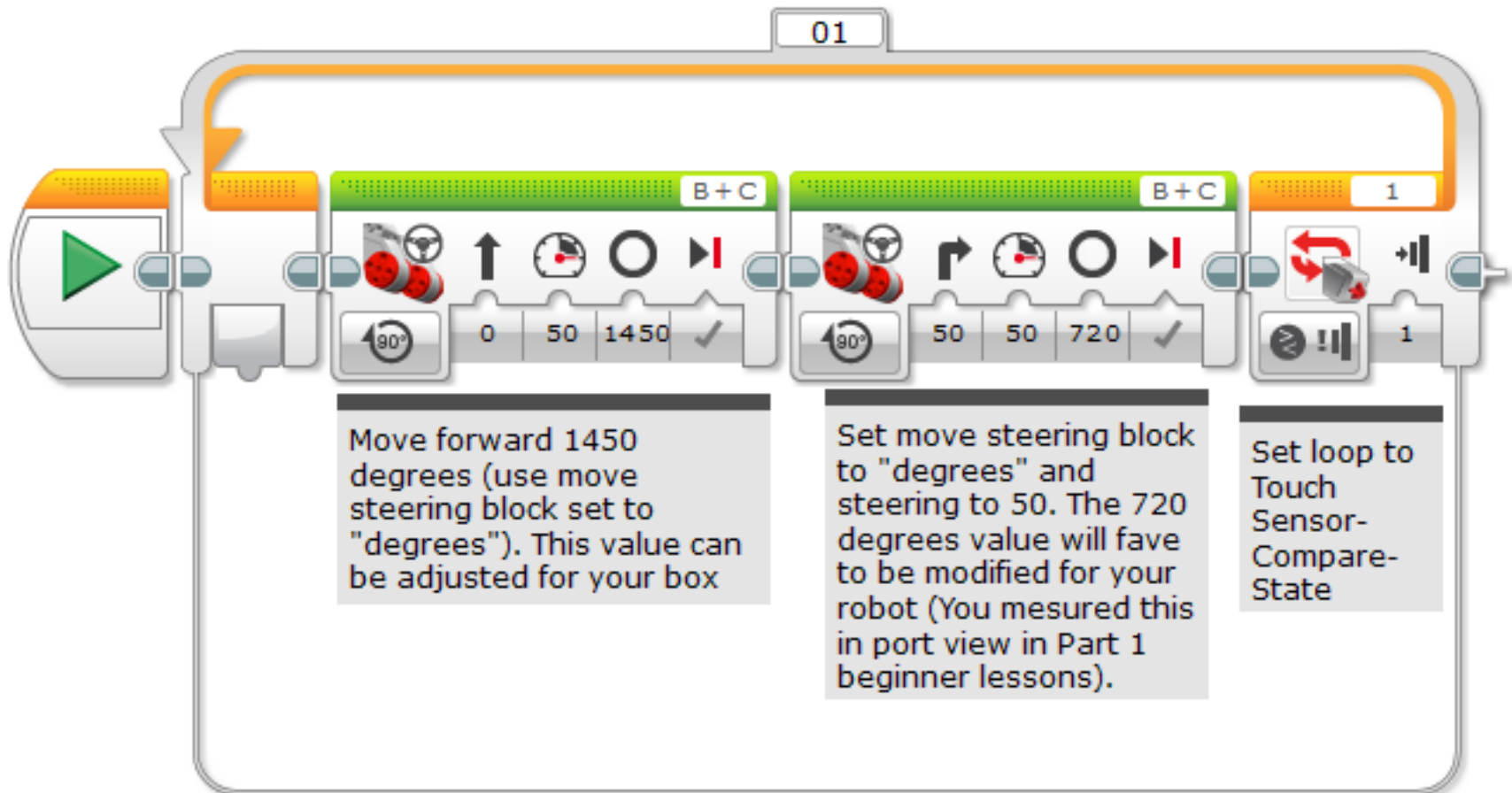
LOOP CHALLENGE

Challenge: Write a program to go around a box until touched. You must use a LOOP



LOOP CHALLENGE SOLUTION

Challenge: Write a program to go around a box until touched



CREDITS

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



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