

I Can Code Advanced Sequences.

RULES

1. Sketch a path in the box below to be the basis of Level 11. The path should be slightly more difficult than levels 1-10. Check out the example for ideas. Check out the examples for ideas.

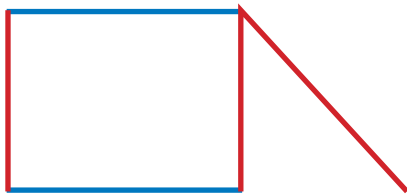
Requirements:

- The path should change colors at least twice.
 - Bit or Evo should have to double back on at least one path to win.
 - The turns must be 45°, 90°, 180° or a combination of these.
2. Go to ozoblockly.com/editor on a computer or tablet.
 3. Choose "Evo" below the OzoBlockly logo (see right).
 4. Choose "Beginner" (2) or "Intermediate (3)" modes
 5. Write the program.
 6. Test the program with your Bit or Evo and fix any problems (bugs).



Note: Your Evo may swerve a little bit off a straight line. Don't worry, that's normal. In future lessons you will learn how to help that.

Example



Set LED blue

Forward 5 steps

Rotate Right 90°

Set LED red

etc...

Some commands:

Forward _____ steps

Rotate Left/Right (90°)

Rotate Slightly Left/Right (45°)

Rotate U-turn Left/Right (180°)

Change Color to _____



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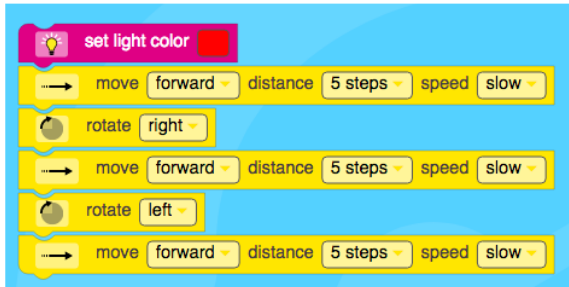
[illegible][illegible]

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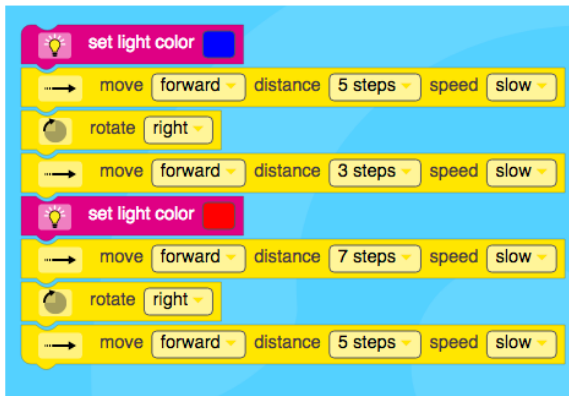
Level 1



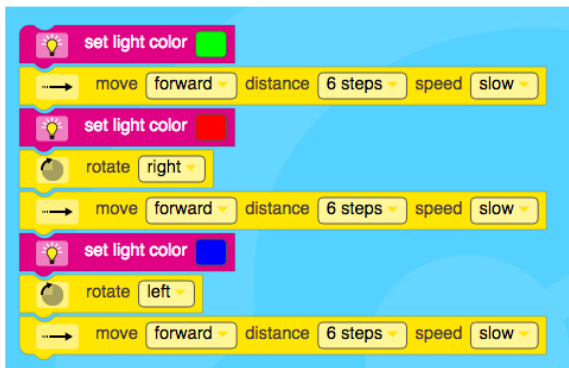
Level 2



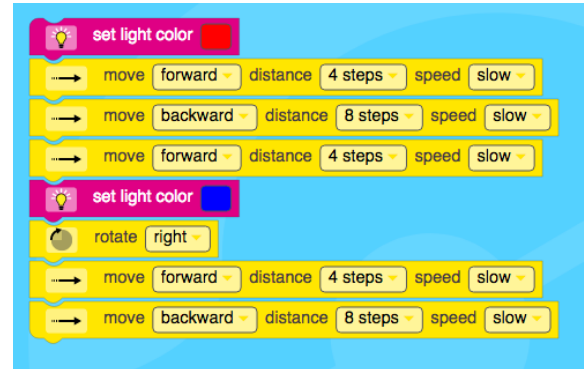
Level 3



Level 4



Level 5



Level 6

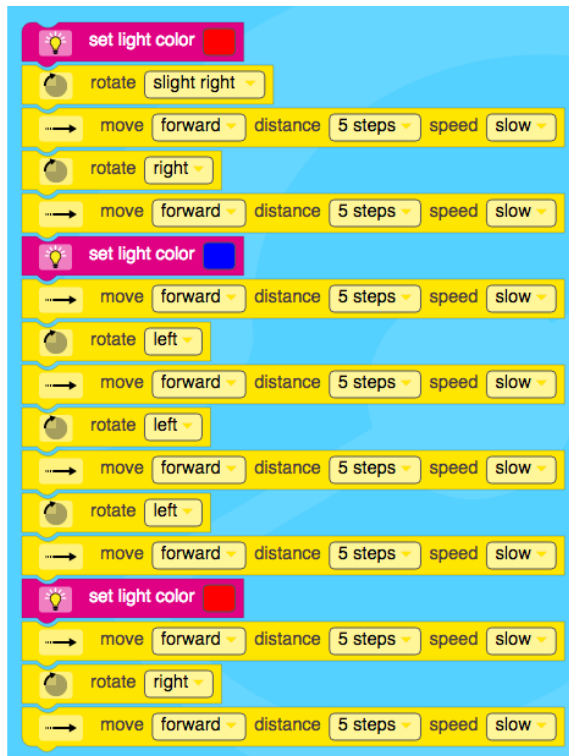


Level 7



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Level 8



Level 10



Level 9

