

**Practice Task:** Use your planned path to code the robot to move from the blue barrels to the orange barrels, passing between each set, navigate around the outside of all four barrels, and return to the start. Then iterate on your project to improve it!

### Discussion Questions

- Why is the order of blocks in a project important?
- What is your strategy for problem solving? How do you fix a problem in your code?
- What criteria are you using to improve your project? How do you know if an iteration is working?
- How is each group member contributing to driving, coding, and documenting to improve your project?

### Practice Checklist

- ☐ Build your project in VEXcode AIM
- ☐ Download and run your project
- ☐ Brainstorm how to improve the project
- ☐ Drive and code to iterate on your project to make it better
- ☐ Document your project
- ☐ All group members drive and code

**Feeling stuck?** Look at how other groups are iterating. How can that help your group move forward?

### Success Criteria:

- ☐ All group members have completed the task by coding, driving, and exploring to iterate.
- ☐ All group members share how they collaborated while practicing.

### Document Your Practice

Use this space to share your learning. You can edit changes to your planned path, write the steps to running a VEXcode project, the blocks and parameters in your project, and/or your iterations.

*Moving between driving and coding helped me to figure out \_\_\_\_\_.*

