Color Hunt Challenge
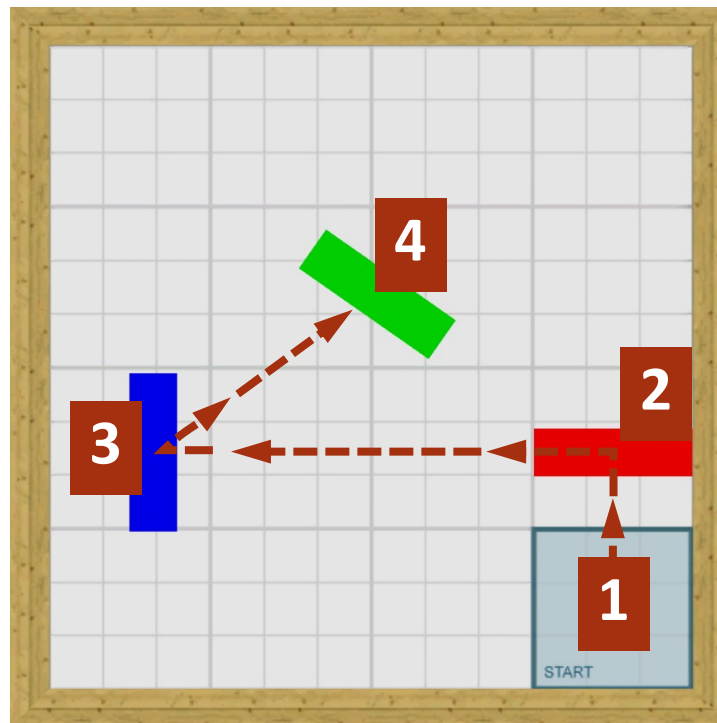
Challenge Description

This challenge asks the user to program the robot to make the appropriate decisions based upon the color of the color tiles on the challenge board. When the robot detects the color red, it should make a 90 degree left turn, when it detects the color blue, it should make a 135 degree right turn, and when it detects the color green, it should stop. The distance between each tile could change from challenge to challenge, but the angles will always remain the same.

Materials Needed

- Black electrical tape
- Ruler (or straight edge)
- Scissors (or cutting tool)
- Colored sheets of paper to use as the color tile

Board Specifications

1 Robot should start here

2 Robot should make a 90 degree left turn here

3 Robot should make a 135 degree right turn here

4 Robot should stop here