

SENSING

Recycle Challenge

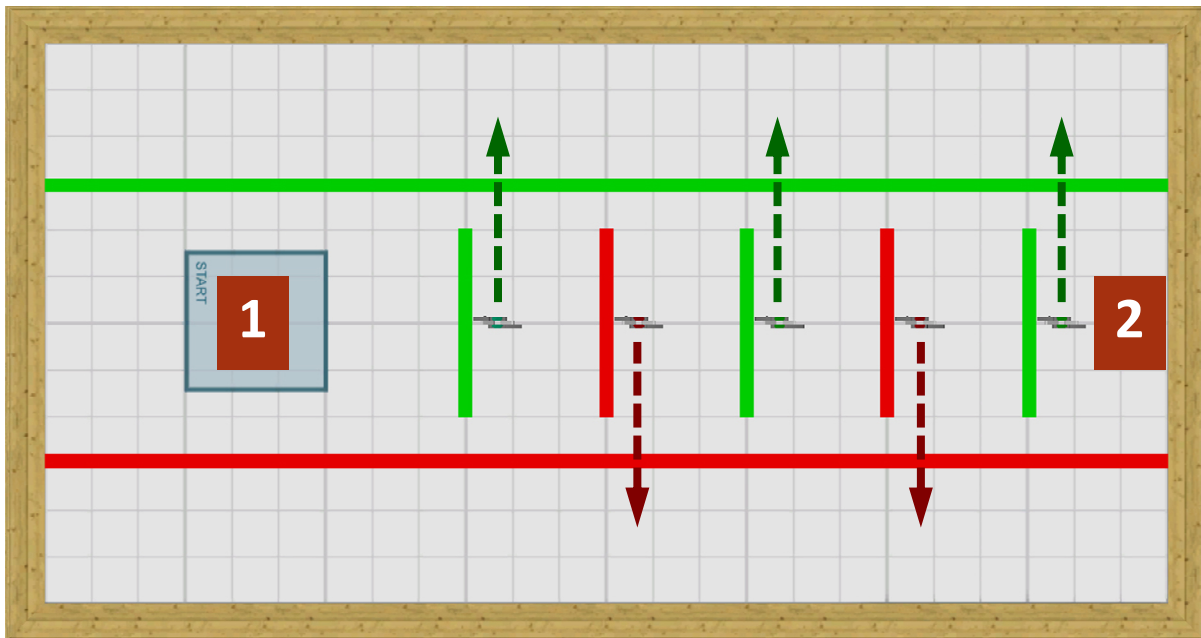
Challenge Description

In this challenge, the robot should start on one end of the challenge table. To begin, the robot moves forward. If the rectangular object in front of it is detected to be green, the robot should move the object to the left to be recycled. If the rectangular object in front of the robot is detected to be red, the robot should move the object to the right.

Materials Needed

- Black electrical tape
- Ruler (or straight edge)
- Scissors (or cutting tool)
- Four rectangular objects of different colors

Board Specifications



1 Robot should start here

2 Robot should finish here