Line Counting Challenge
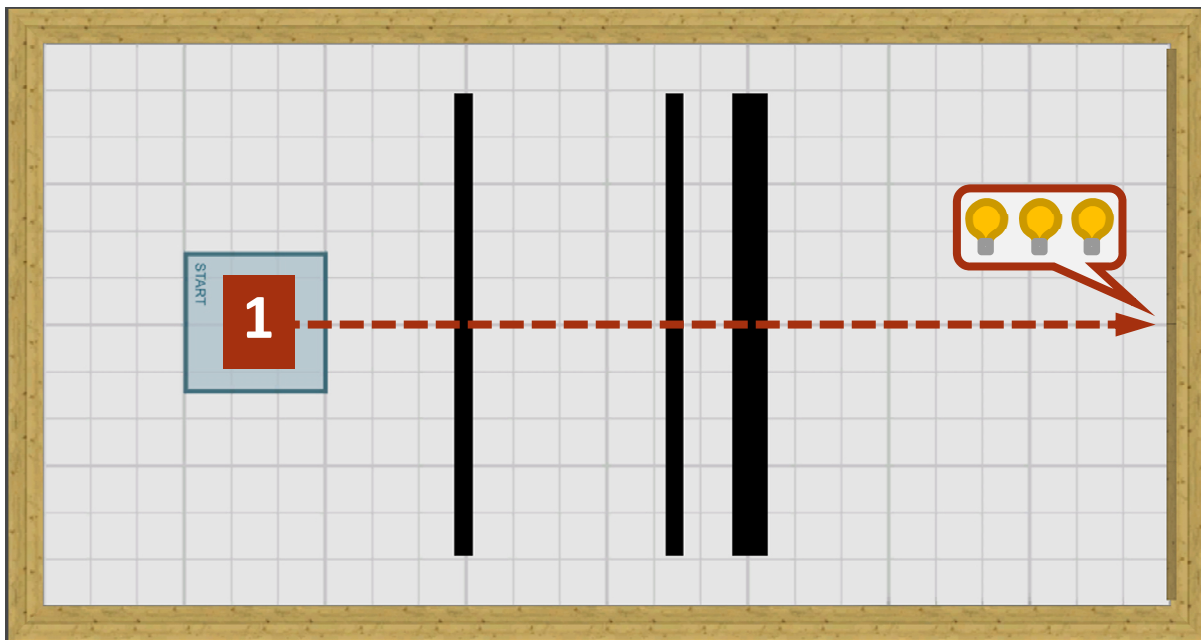
Challenge Description

This challenge requires a program that will detect and count the number of lines found on a challenge board until a sensor detects that a wall is within 15 cm. Lines should be spaced apart with different distances and the lines should also have different widths. To show that the robot is counting lines, the robot should blink a light for each line it counts. When the robot stops near the wall, it should blink a light for the number of lines that it counted.

Materials Needed

- Black electrical tape
- Ruler (or straight edge)
- Scissors (or cutting tool)
- Binder or another tall object to serve as the wall at the end of the challenge board

Board Specifications

1 Robot must begin here