***Algorithm***

The robot is placed in the start position facing forward. When the light turns green, the robot speaks and says, “ready set go.”  The robot then travels down the length and stops at the end. He turns 90 degrees, travels down the length, and stops at the end once again. For a third time, the robot travels down the length and stops at the end of the length.  The light turns red and the robot speaks and says, “I’m done and I need water.”