

19 Stop on the Line

Mission: the robot will move forward indefinitely until the light sensor senses a black line, then the robot will stop.

Equipment:

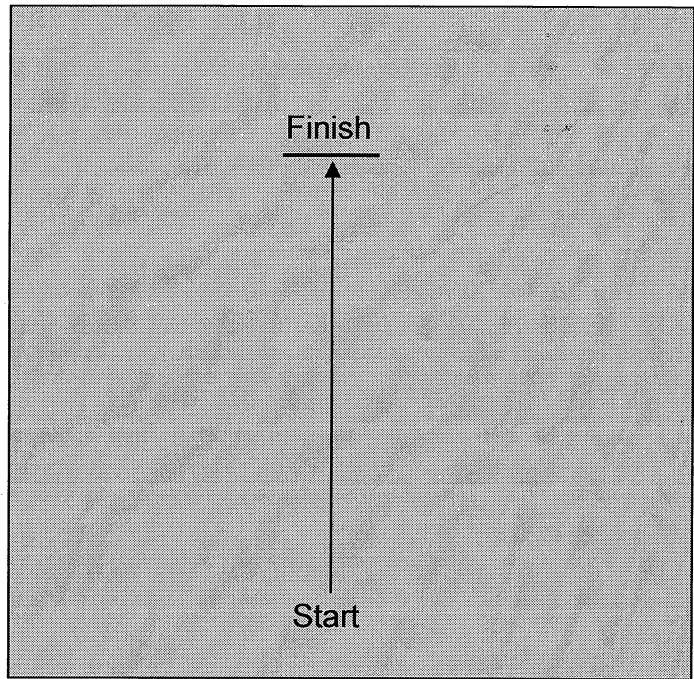
White table top or playing field.
A line of tape from narrow side of the table to the other narrow side

Sensors:

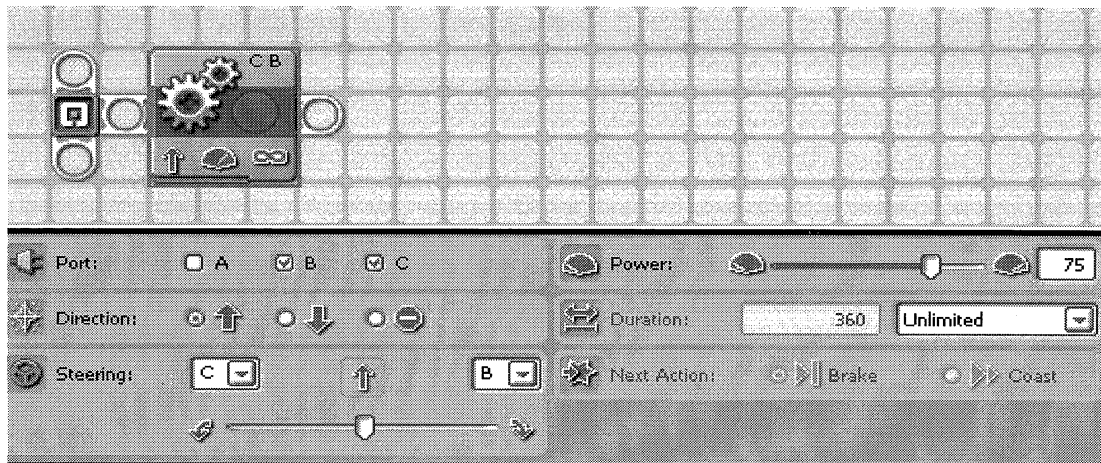
Light

Directions:

Attach the light sensor so that it faces down.

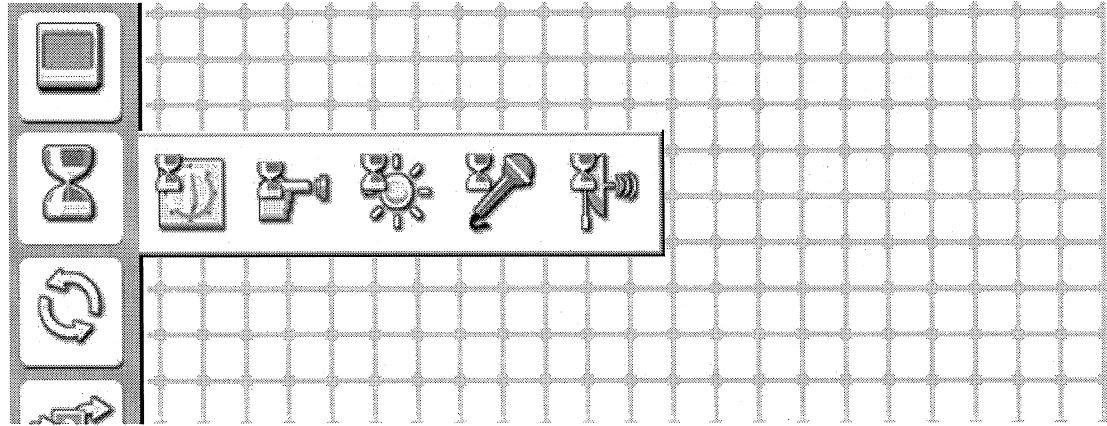


1. Place Move block at the program start.

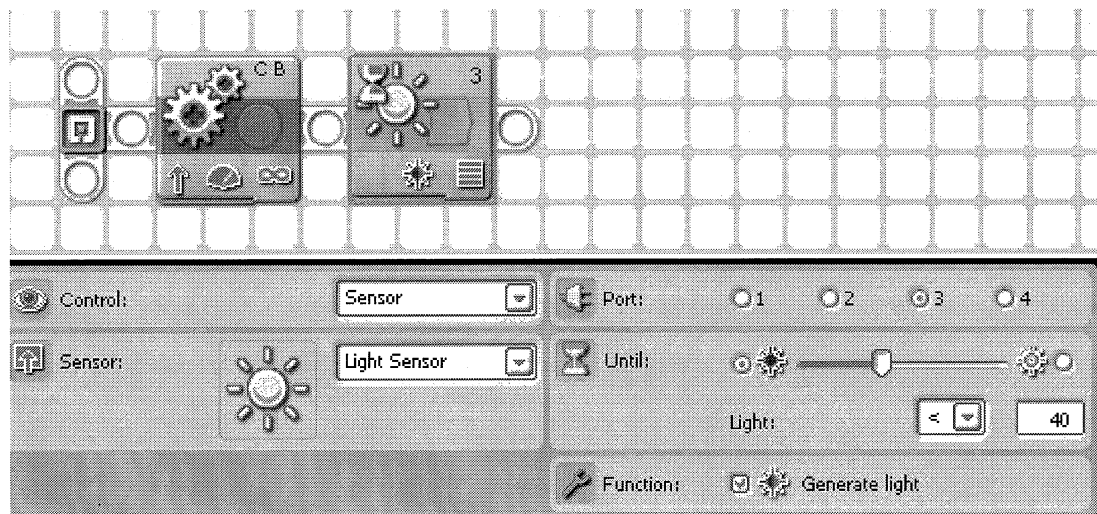


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2. Move cursor over the wait block and click on the Light wait block that looks like a sun. That is a light wait block.



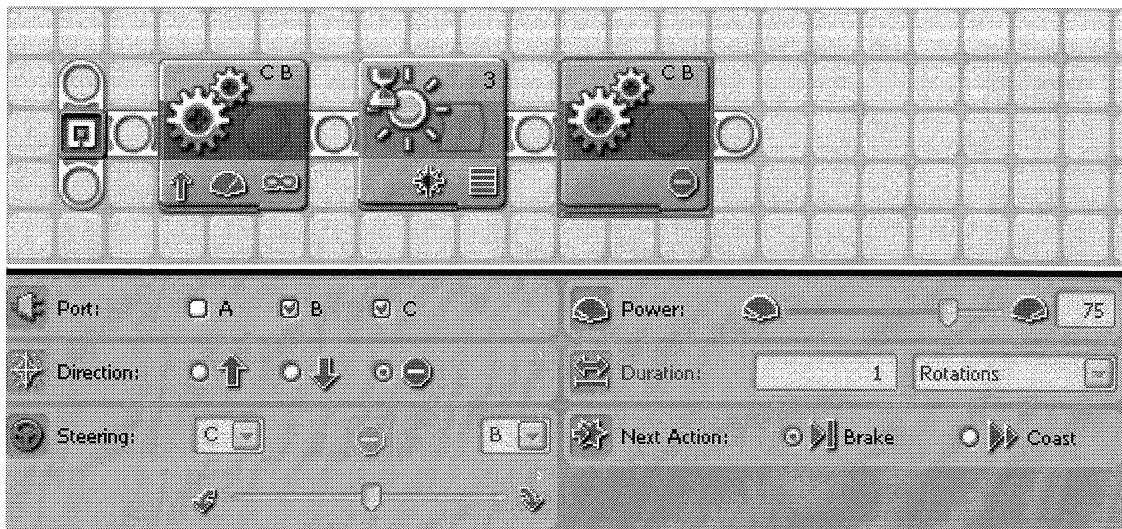
3. Place a light wait block on the line.



This tells the program to stop moving and do the next part of the program.

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4. Place a move block and change it to stop.



This tells the motors to stop moving quickly. It is like slamming on the breaks.

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