

Head Banger

Mission:

The robot will move forward until it touches wall with touch sensor. It then backs up 2 rotations and repeats the actions for a total of three times.

Equipment:

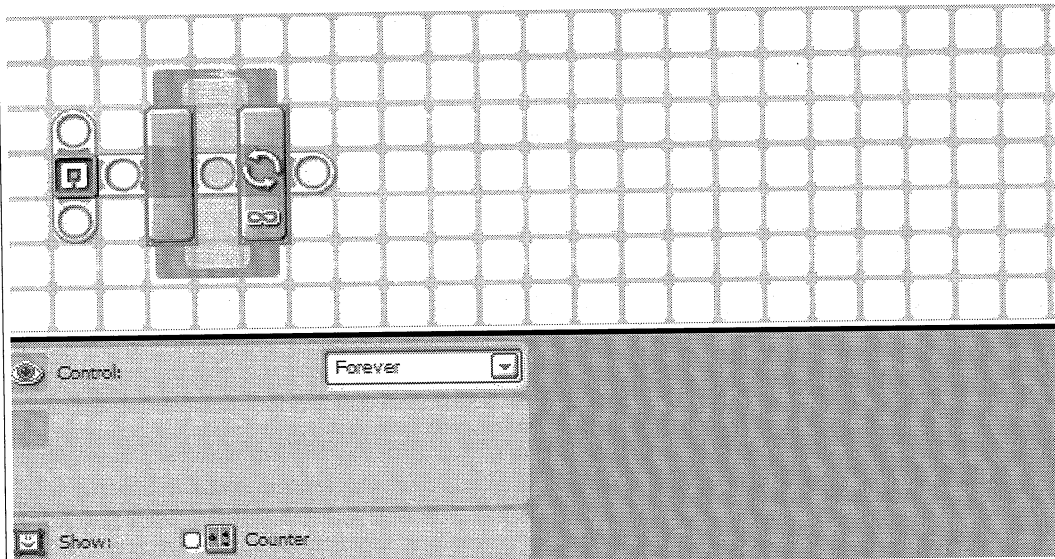
none

Sensors:

touch

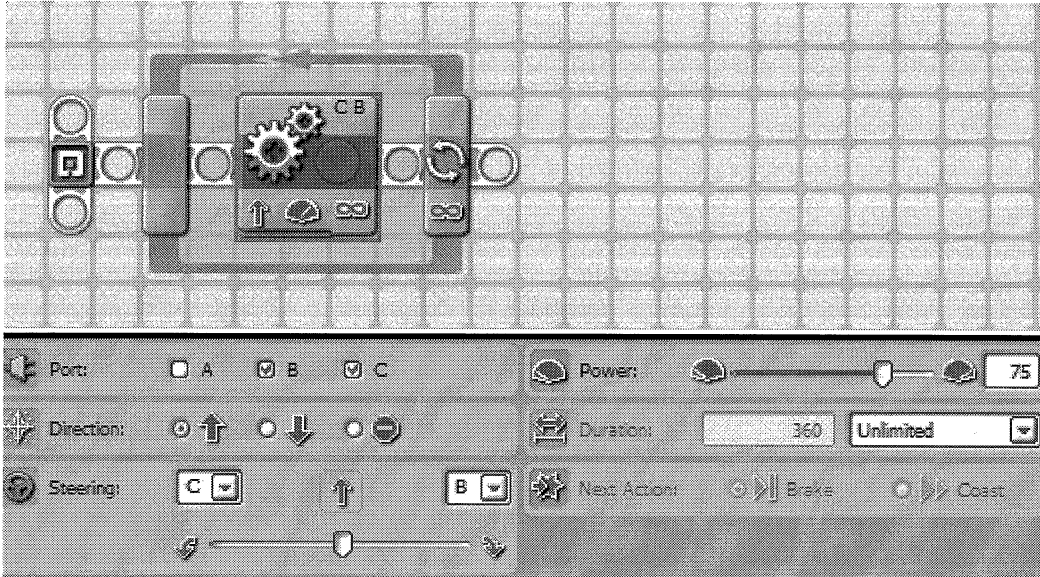
Directions:

1. Place a loop in the program bar. Leave setting as forever.



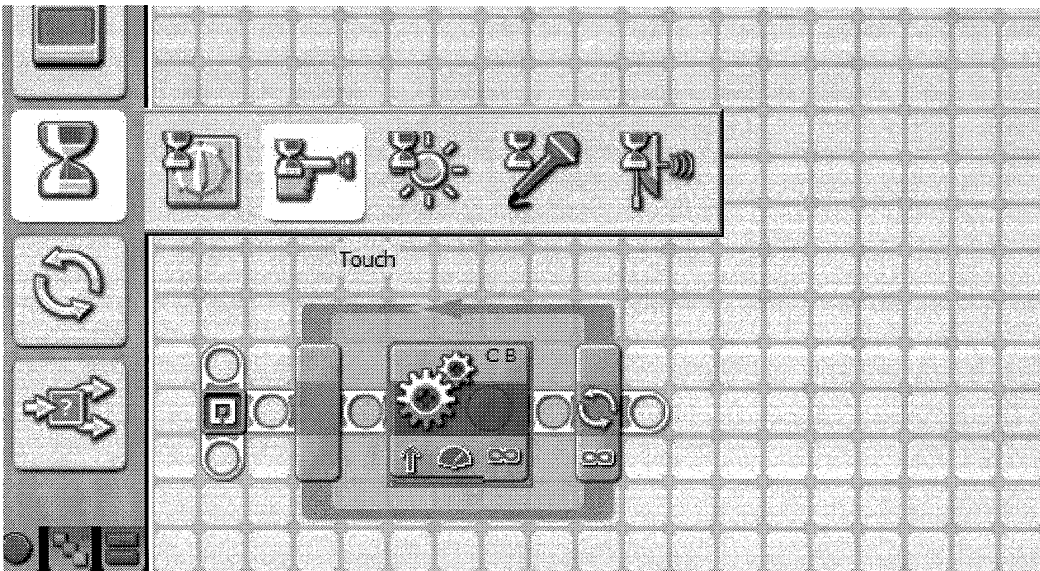
This will make the program blocks on the inside of the loop repeat over and over again.

2. Place a move block inside the loop. Drag it over the loop and the loop will open up to allow it to be put inside. Set it to unlimited.



This makes the robot move until the touch block (next) bumps into something.

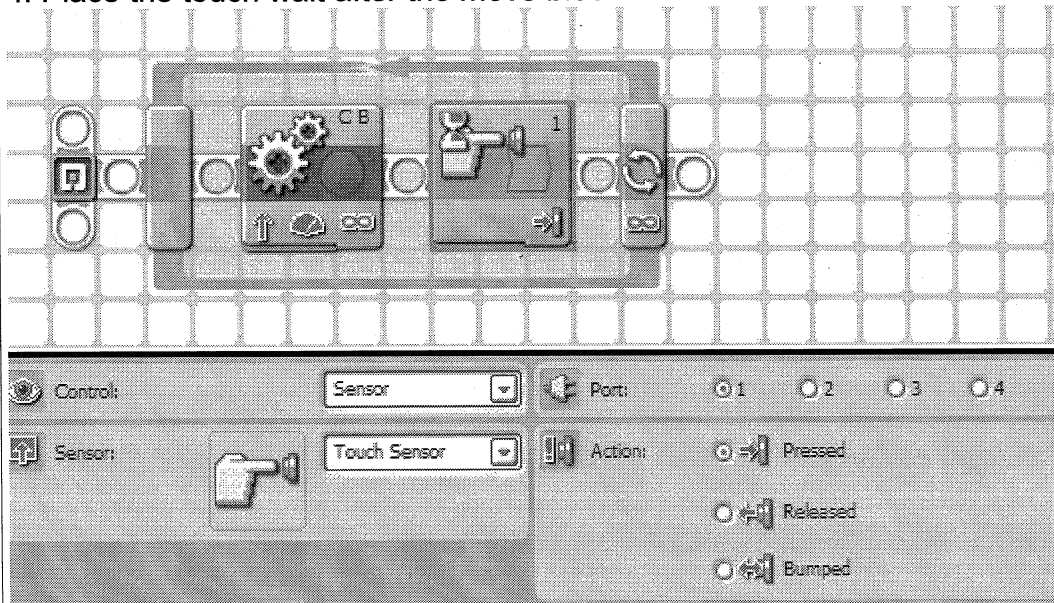
3. Place the cursor over the wait block and it will open up to show the choices. Pick touch.



This allows you to have a choice of several different types of wait blocks.

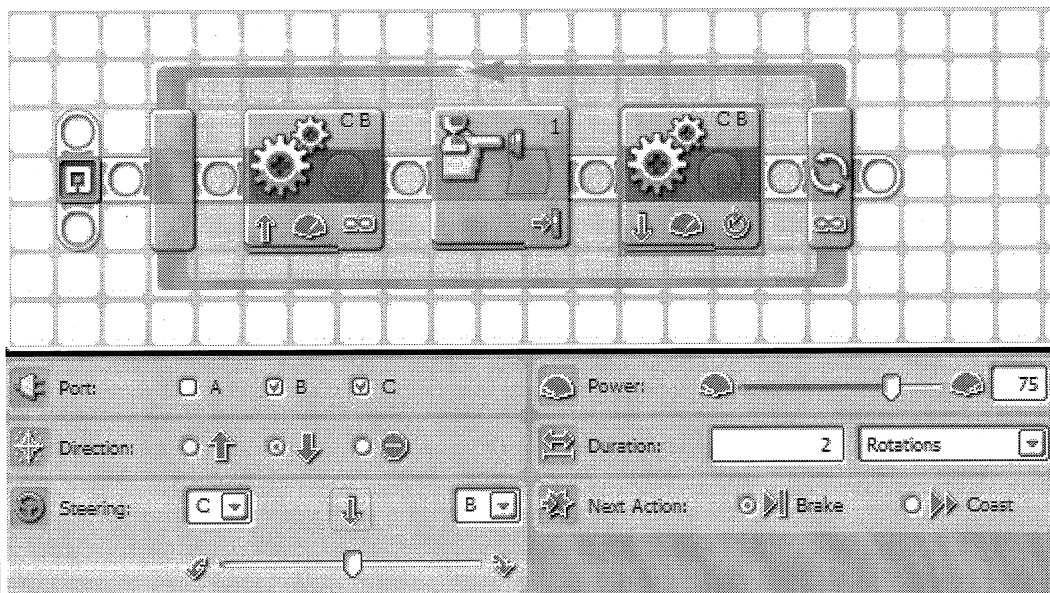
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4. Place the touch wait after the move block.



The block will make the program move to the next block when the sensor is pushed.

5. Place another move block on the bar and set for 2 rotations and set it to reverse.



The program works like this: first, the move block makes the robot go forward until the touch sensor gets pushed; then the robot goes back two rotations; after that, the loop makes the robot repeat the actions until you push the dark gray button on the robot.

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