

21 Smile and Frown

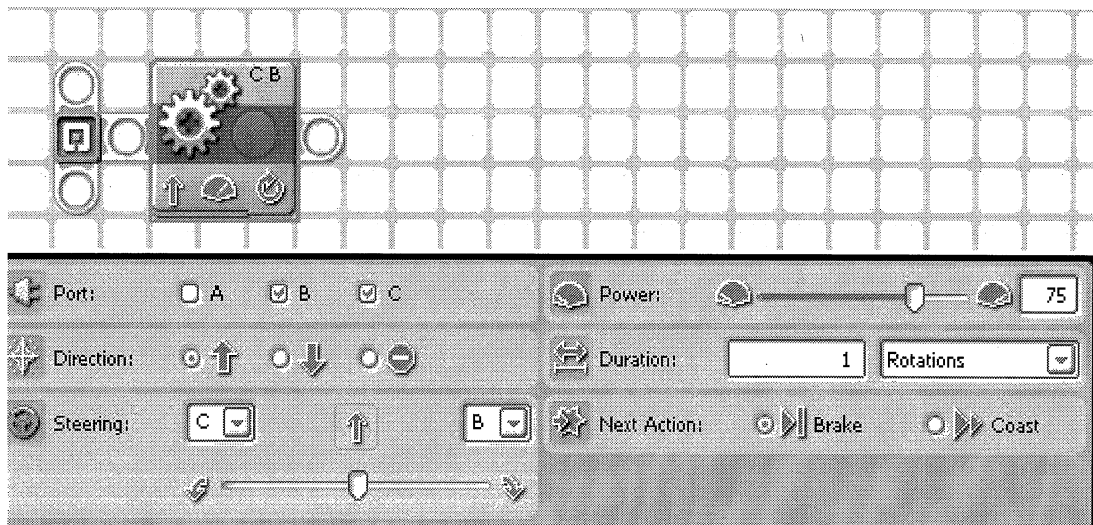
Mission: the robot will go forward one rotation, have a smile appear on the screen, wait 2 seconds, back up one rotation, make a frown appear on the screen, and then stop.

Equipment:
none

Sensors:
none

Directions:

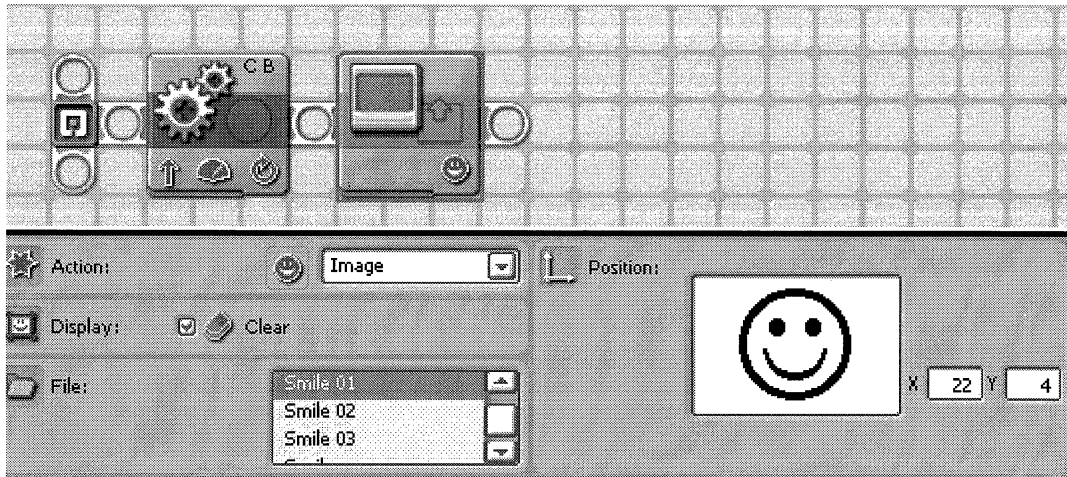
1. Place a Move block and leave it at one rotation.



This will make the robot move forward one rotation

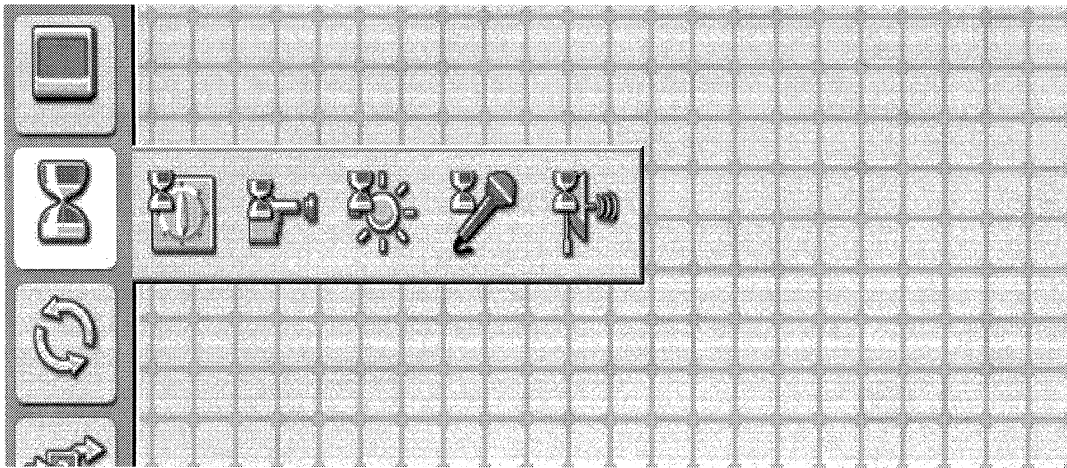
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2. Place a Display block and leave it at Smile 1.



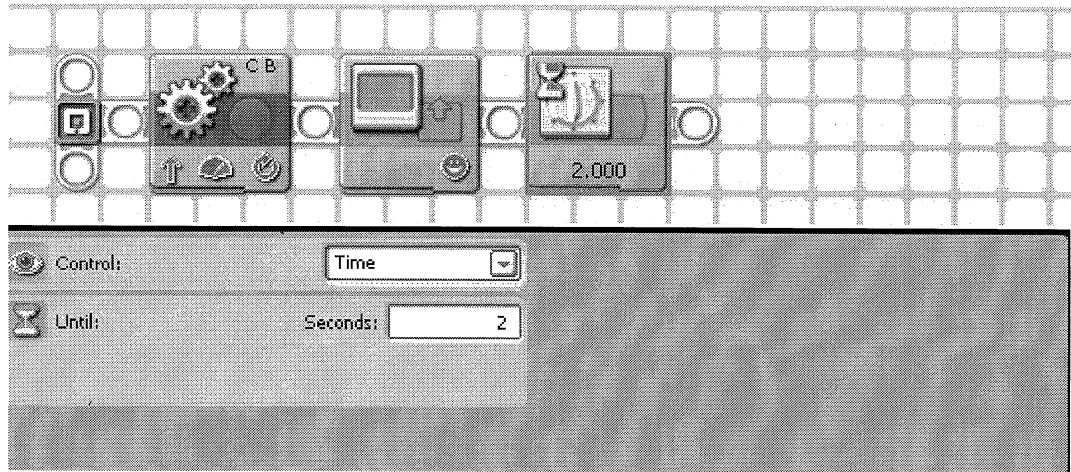
This will make a smiley face appear on the screen when the program runs.

3. Move the cursor over the Wait block (it looks like an hour glass) and several different types of Wait blocks will appear. Click on the first one that looks like a kitchen timer.



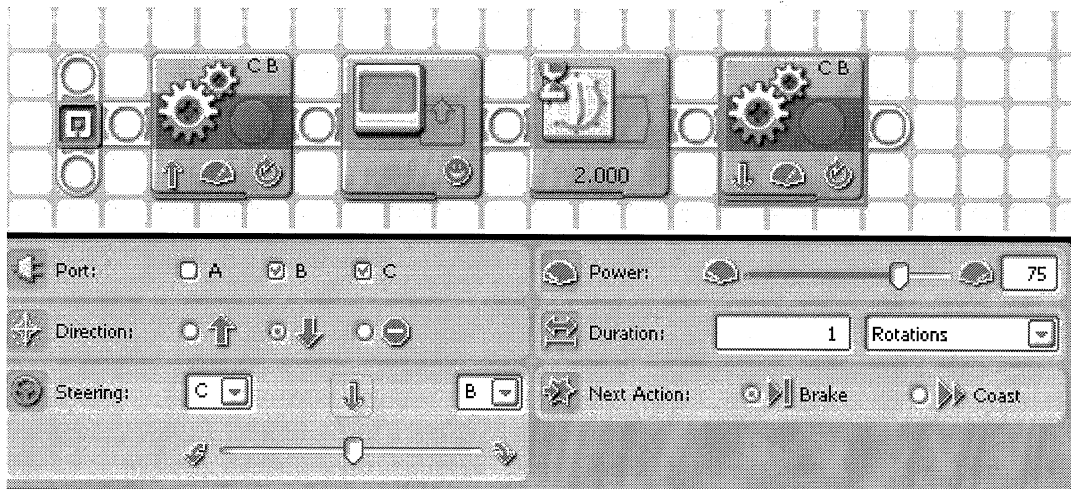
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4. Place a Time Wait block and set it to two seconds.



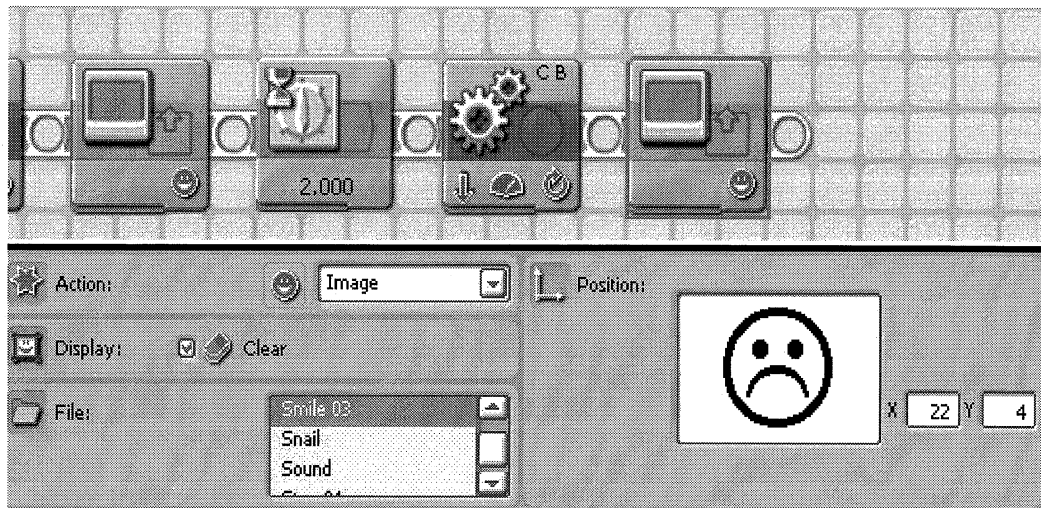
This makes nothing happen for 2 seconds after the picture appears.

5. Place a Move block and set it to reverse.



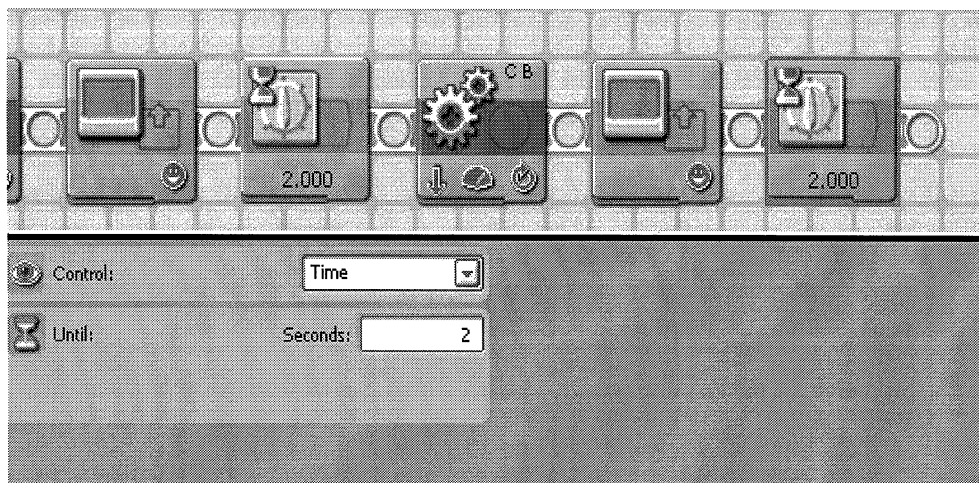
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6. Place a Display block on the bar and set it to Smile 3.



This will change the picture to a frowning face.

7. Set a Wait block and set it to 2 seconds.



This keeps the program running for 2 seconds after the frowning face appears. If you don't put this here, the program will end a split second after the second picture appears and you won't see it.

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