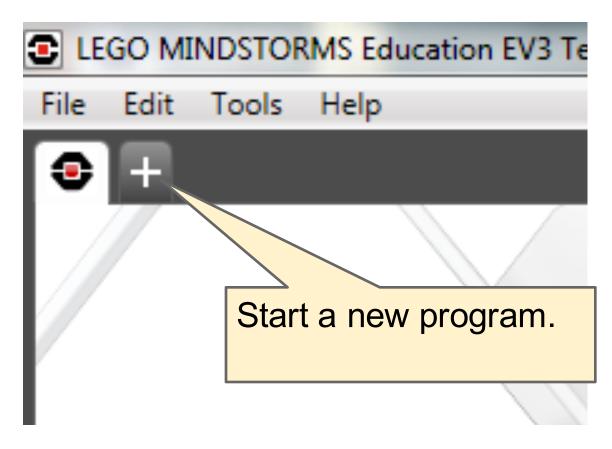
These are slides showing examples for moving forward, turning, Ultrasonic sensor and touch sensor.

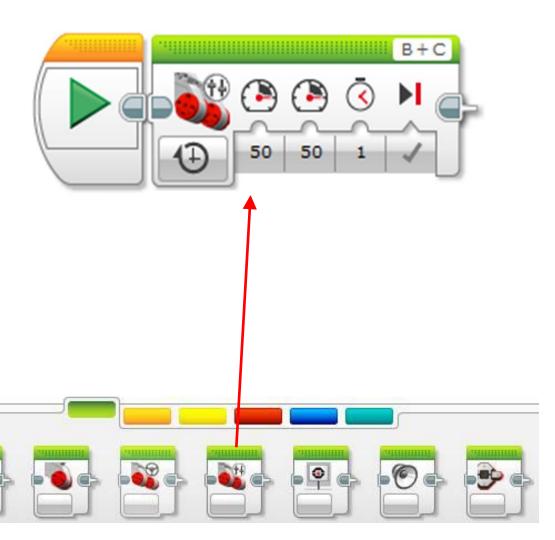
Start the Mindstorm Program



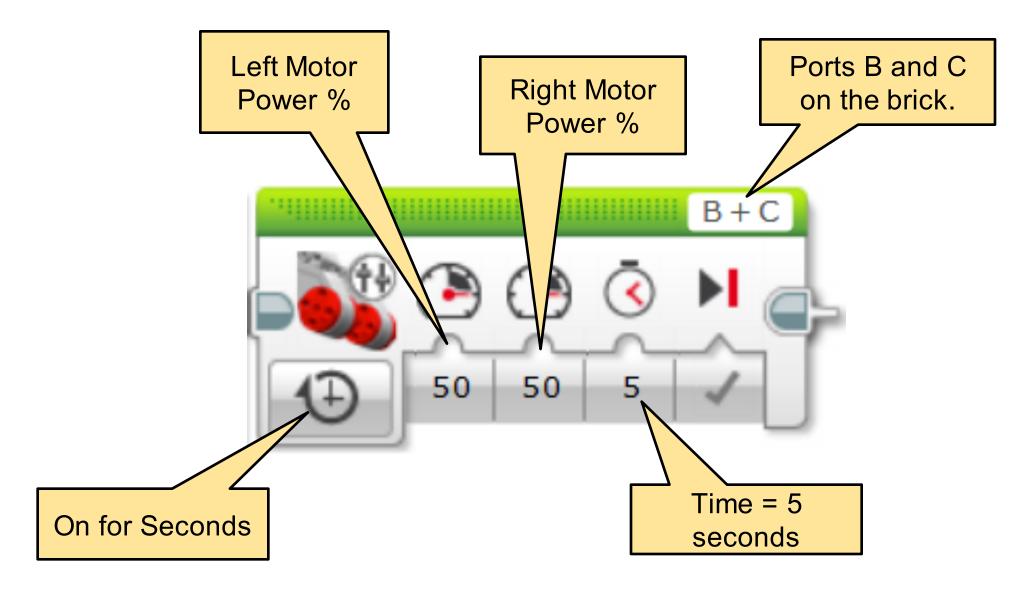




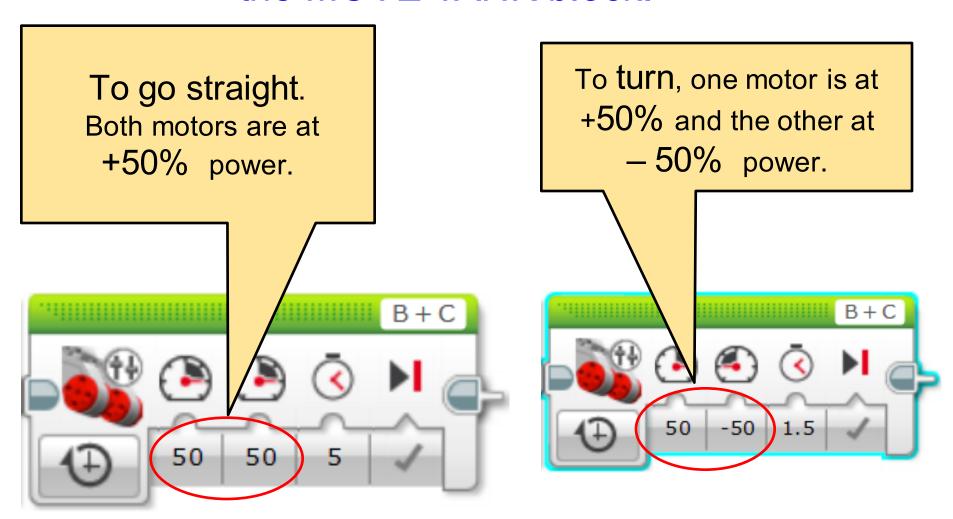
Start your program with a MOVE TANK block.



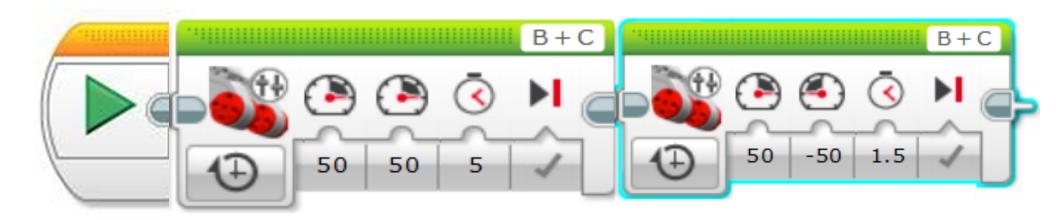
What are the inputs of a MOVE TANK block?



To program the Bot to move in a square we can change the inputs on the MOVE TANK block.

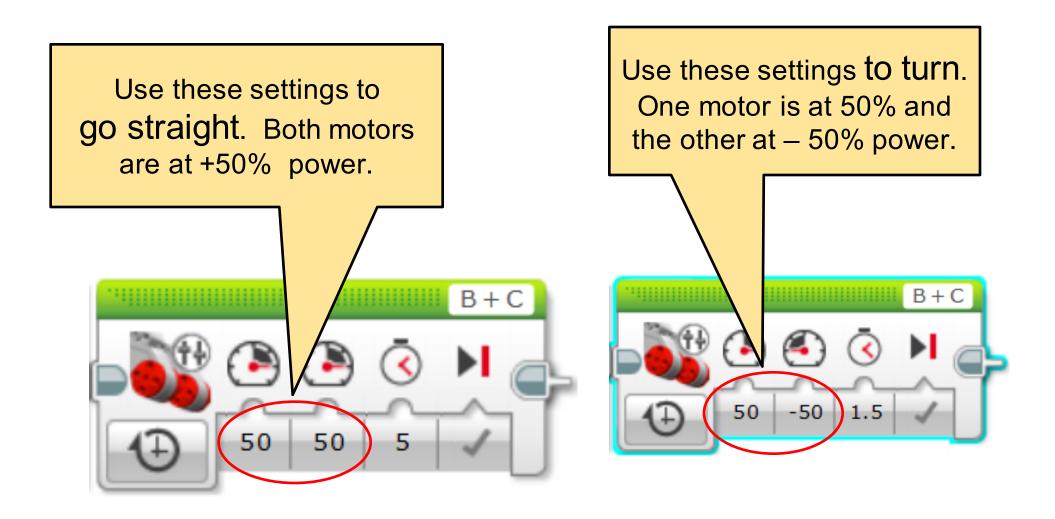


Make your Bot go 23 inches (two pieces of paper) and then make a right turn.



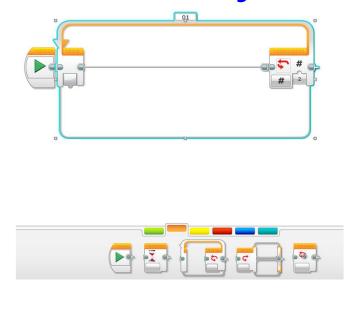
Hint: These are not the correct times.

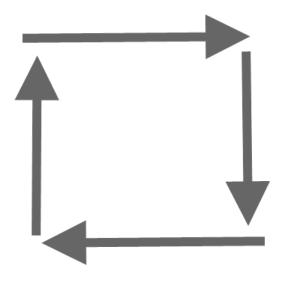
To program your Bot to move in a square you will change the inputs on the MOVE TANK block.



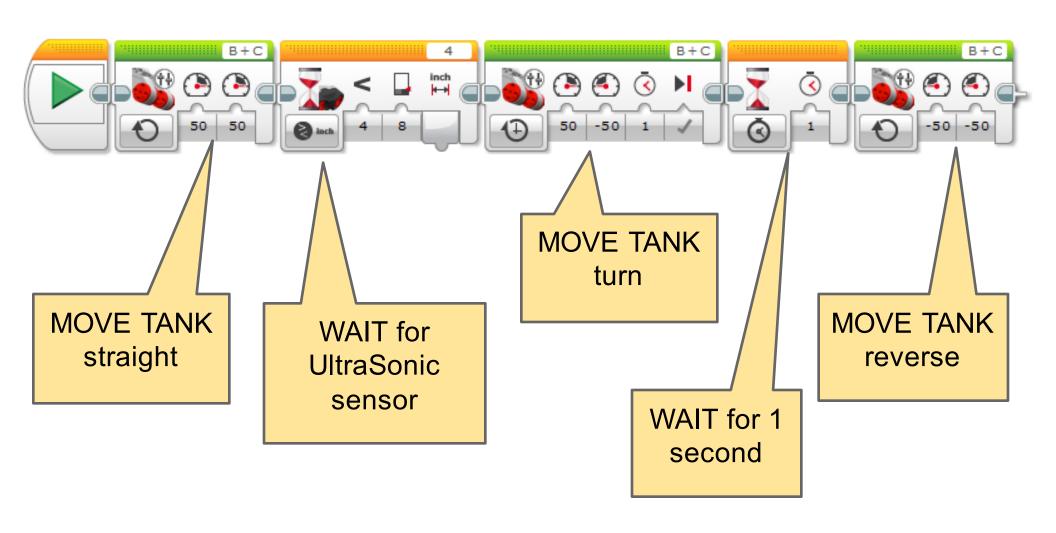
Make a program to go around the square using a LOOP block.

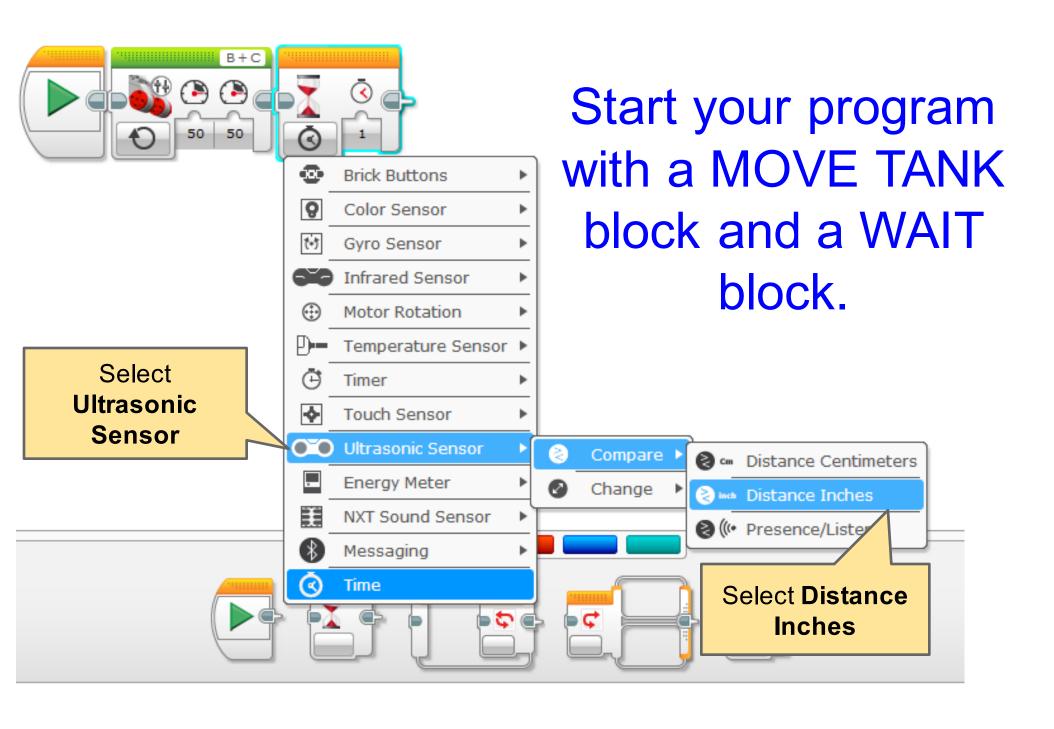
What are the smallest number of blocks you can use to do this?

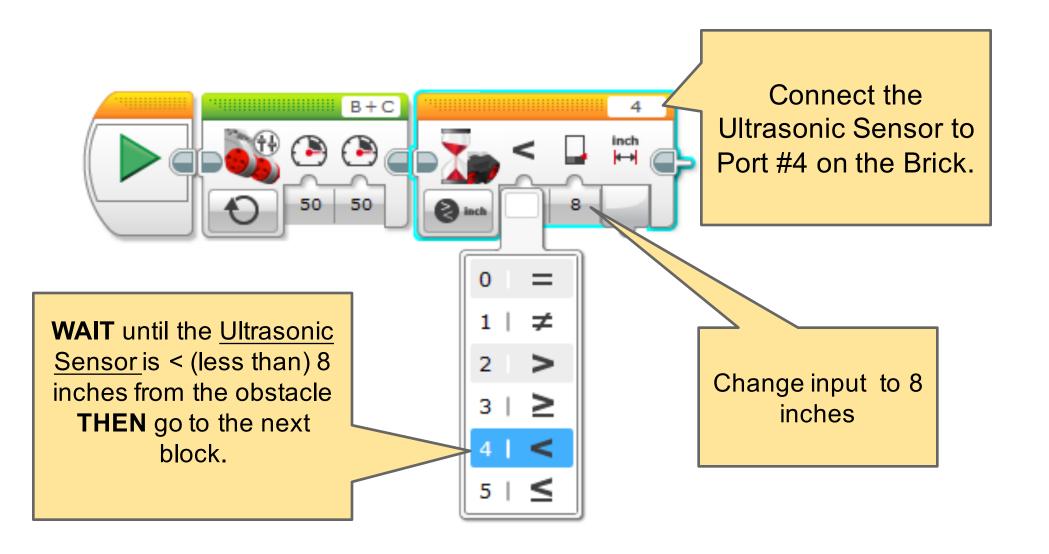




Let's review the blocks you've learned so far:

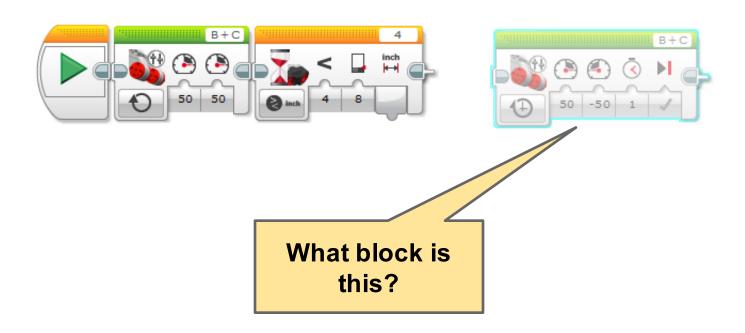


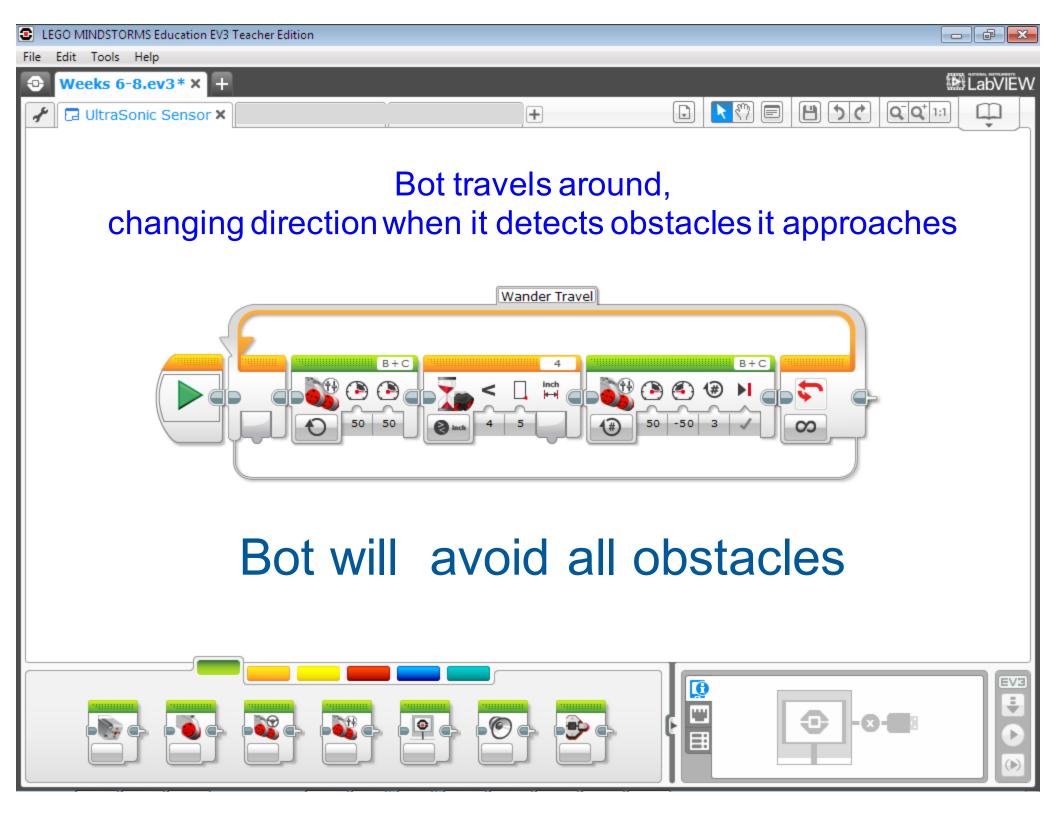


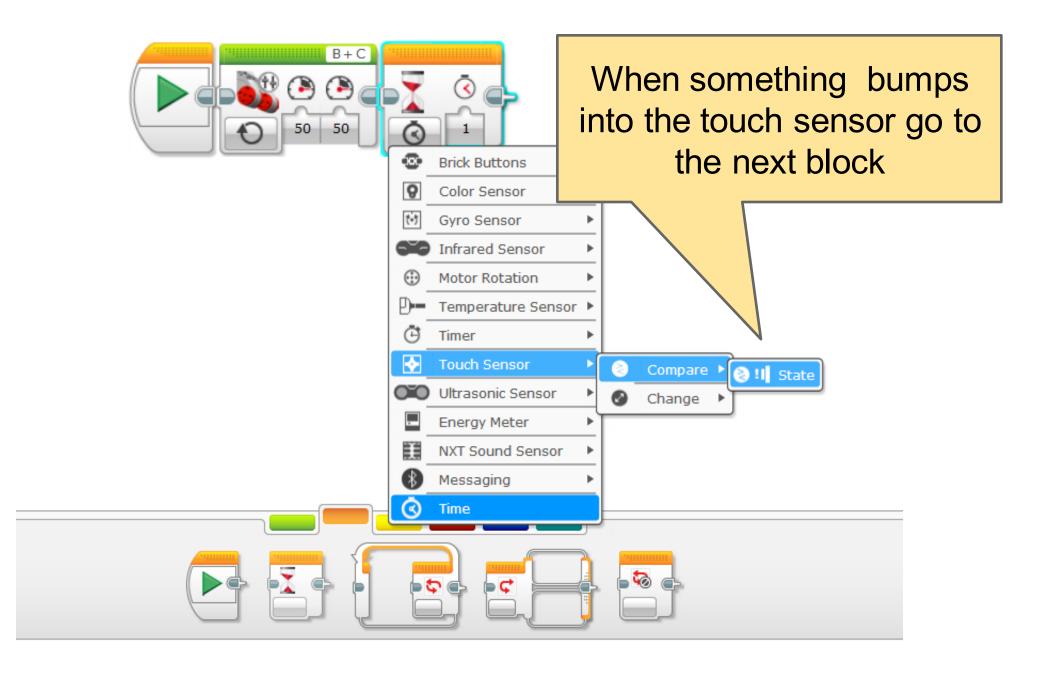


When the UltraSonic Sensor sees an object that is less than 8 inches away the program goes to the next block.

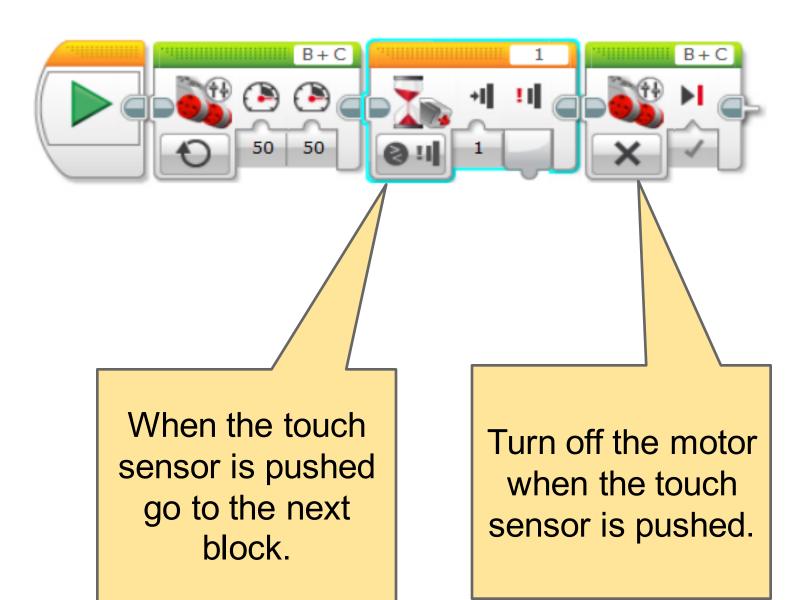
Add another block to make the Bot reverse when it sees an obstacle.

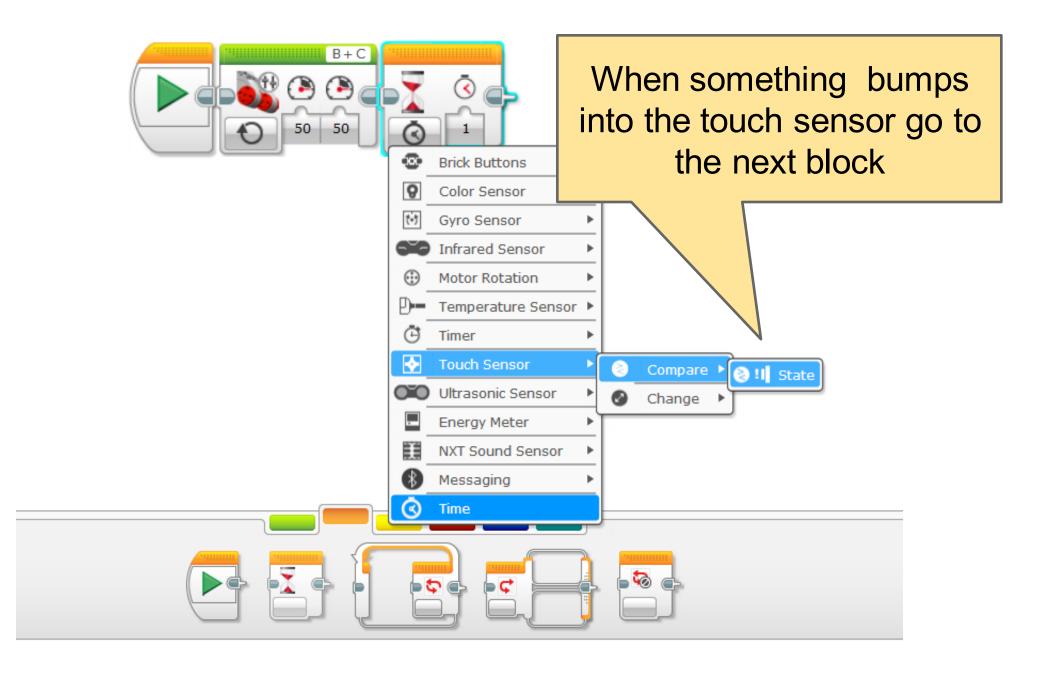






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