Move, Turn Left, and Move Again

Objective:
Program your EV3 robot to move forward, **turn LEFT 90 degrees**, resume moving forward, and then come to a complete stop.

Materials:
- ❑ EV3 Robot
- ❑ Chromebook with Mindstorms software

Instructions:
1. Using the Mindstorms software on your Chromebook, program your EV3 robot to complete the objective above.
2. Document the steps you needed to take to complete your objective with the troubleshooting reflection sheet.

Citation:
Did you find your solution somewhere? If so, please include a citation here!

Example:
Savage, A. (2013, August 13). *Making a Real Life-Size Wall-E Robot (Geek Week!)* Retrieved from https://www.youtube.com/watch?v=7oVSaUWeKt0

Move, Turn Around, and Move Again

Objective:
Program your EV3 robot to move forward, **turn AROUND 180 degrees**, resume moving forward, and then come to a complete stop.

Materials:
- ❑ EV3 Robot
- ❑ Chromebook with Mindstorms software

Instructions:
1. Using the Mindstorms software on your Chromebook, program your EV3 robot to complete the objective above.
2. Document the steps you needed to take to complete your objective with the troubleshooting reflection sheet.

Citation:
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Drive Completely Around an Obstacle

Objective:
Program your EV3 robot to **drive around an obstacle using only 90 degree turns**. To successfully complete this task, the robot must completely turn around all four sides of your object.

Materials:
- ❑ EV3 Robot
- ❑ Chromebook with Mindstorms software

Instructions:
1. Using the Mindstorms software on your Chromebook, program your EV3 robot to complete the objective above.
2. Document the steps you needed to take to complete your objective with the troubleshooting reflection sheet.

Citation:
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