

EXPERIMENT 3: Move the motor 4 times with the motor degrees movement blocks, using the absolute values of the answers from the first experiment as speeds, the values of 1st and 3rd answers and absolute values of 2nd and 4th answers as steering direction and the absolute values of 1st and 3rd answers and values of 2nd and 4th answers multiplied by 10 as the motor degrees. Before travelling the next distance put 1 second of pause.

Look at the solution: https://www.youtube.com/watch?v=lhejW7MN_hI

4 numbers that are necessary in the following experiments: -43, -22, -6 , -71.

Create a program that consists of:

- 1) a control two motors at once block, which is set to the Motor Degrees movement mode, 430 motor degrees, steering -43 and speed 43;
- 2) a wait block that waits for 1 second;
- 3) a control two motors at once block, which is set to the Motor Degrees movement mode, -220 motor degrees, steering 22 and speed 22;
- 4) a wait block that waits for 1 second;
- 5) a control two motors at once block, which is set to the Motor Degrees movement mode, 60 motor degrees, steering -6 and speed 6;
- 6) a wait block that waits for 1 second;
- 7) a control two motors at once block, which is set to the Motor Degrees movement mode, -770 motor degrees, steering 71 and speed 71;
- 8) a wait block that waits for 1 second.

Place the robot in a freely selected starting position and run the program. The robot turns to the left at different speeds while moving forward relatively little.

