

Lesson 4: Worksheet 4.1 - Drive in a square

In this activity, you need to write a program that will allow your Edison robot to drive in the shape of a square.

Your turn:

Write a program so that when your Edison robot drives, it makes a square. Use the commands you have already learned, including `Ed.Drive()` and a variable. Be sure your program ends with your Edison in the same spot it started.

Download your program and test it using activity sheet 4.1, placing your Edison at the 'start' point and following the lines. You can also make a larger square using coloured tape to mark the lines and a 'start' point on a desk or the floor.

1. What does your program look like? Write your code down below.

2. How many function calls did you use in this program?

3. Do you have any duplicate lines of code in your program? If so, what are they and how many times did you use each?