**Line Following Challenges**

**Line Following Challenge 1:** Write a program that follows a line.

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**What was the hardest part of this challenge?**

**Try it on lines that have varying degrees of waviness. What type of line did it work best on?**

**Line Following Challenge 2:**

1. Write a program that follows a line and stops when you tap the touch sensor.

**What did you have to change in the line follower code from Challenge 1?**

1. Write a program that follows a line and stops after it goes a particular distance.

**What did you have to change in the line follower code from Challenge 1? (Hint: To finish this challenge, you had to know how much your wheels have turned. It used a built-in rotation sensor in the motors.)**

**Review Quiz:**

1. What part of a line does a robot follow? Middle or edge?

2) Why do you need a switch block for a line follower?

1. Why do you need a loop for a line follower?