Debugging Challenge – Carousel Chaos!

Explore – Check out [Classic Carousel](#) lesson and the Color Sensor Tutorial. Build the model and practice coding. Then, try this debugging challenge!

Debug – A bug is an error in a program that doesn't allow it to function properly. Debug means to identify and fix the error in a program.

Extend - Develop a code and intentionally include a bug. Show your code to a classmate or friend to see if they can debug the program.

Challenge: A student added the Color Sensor to their Carousel. They wanted:

- A blue ticket to cause the ride to move slowly in one direction.
- A red ticket to move fast in the opposite direction.
- A yellow ticket to have the carousel move back and forth.

Can you help fix each code to work correctly for the ticket color?