

Driving Base Debug

Explore

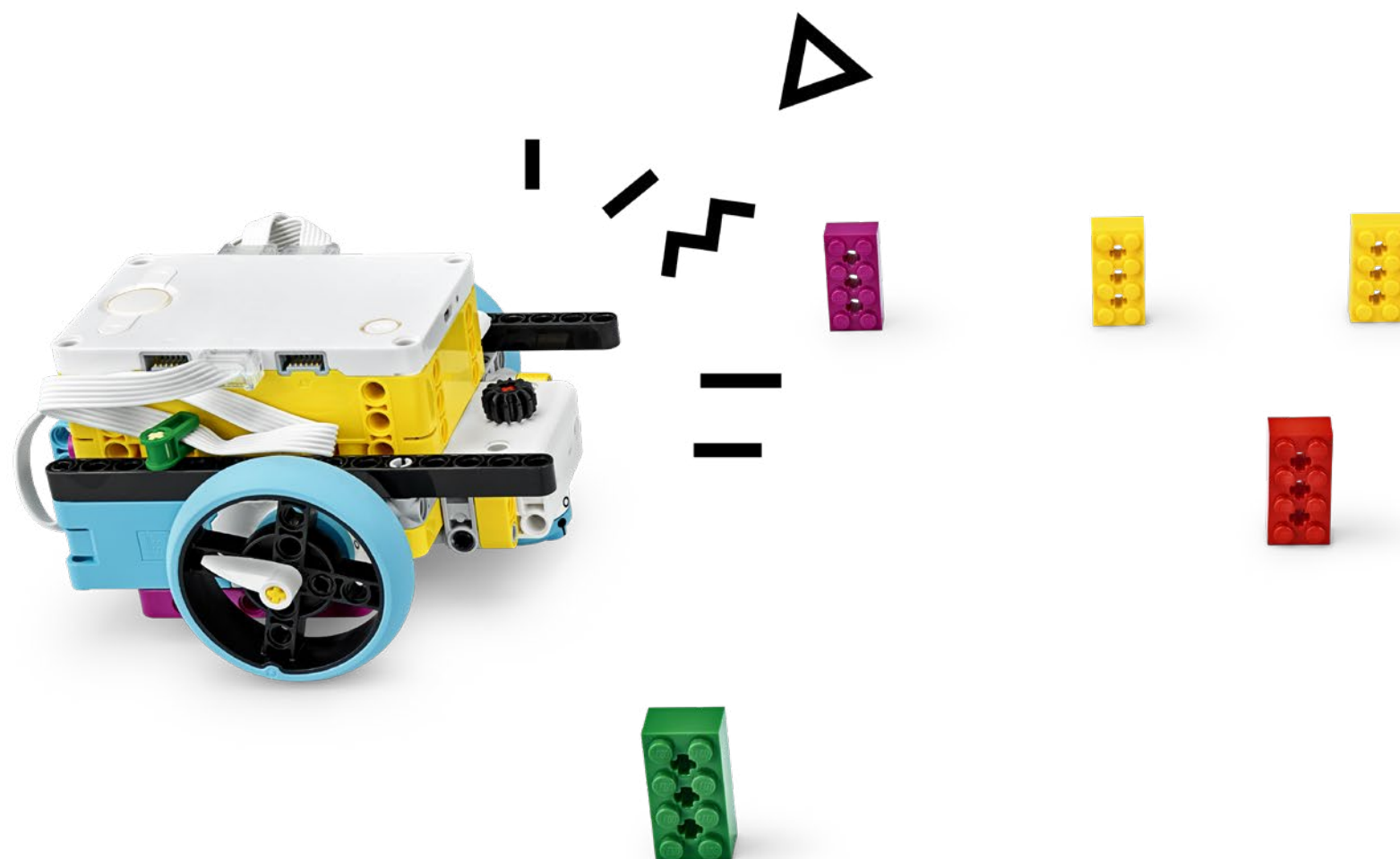
Check out the [Training Camp 1: Driving Around](#) lesson. Build the Driving Base and practice coding. Then, try this debugging challenge!

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

Find a way for your Driving Base to move in another shape. Develop a code and intentionally include a bug. Show your code to a classmate or friend to see if they can debug the program.



```
when program starts
  set movement motors to C+D
  set movement speed to 50 %
  set 1 motor rotation to 17.5 cm moved

when program starts
  wait 1 seconds
  repeat 10
    move straight: 0 for 10 rotations
  wait 0.0 seconds
  move right: 100 for 10 seconds
  stop moving
```

Challenge

A student programmed their Driving Base to move in a square.

There are multiple solutions to this challenge, but the student's program didn't function correctly.

- Can you help fix their code to work properly?
- Explain the changes you made and why you made them?

