

WORKING ON YOUR CODE

devBots Sumo Wrestling

Let's take a few minutes to reflect on our sumo wrestling robot and see if there are ways to improve our code. Talk through the questions below with your group.

- 1) Did your robot find the other robot first?
- 2) Was your robot able to attack before the other robot saw it?
- 3) What sensors are on your robot?
- 4) Do they work properly?
 - a) If not, what is not working?
- 5) What is slowing down your group during the competition? Typing? Waiting for ultrasonic sensor to see a robot? Getting stuck in a jam?

Now, let's think about ways to improve our code.

Offense - How can we update our coding offense to better attack other robots?

- 1) What can you adjust in the code so your sensors work better or faster?

- 2) Can you change anything for your robot to be quicker and more powerful when attacking? _____

Defense - How can we improve our defense to protect ourselves?

- 1) How can you keep the other robot from attacking you? _____

- 2) How can you fix the part that most slowed you down during the competition?
