

Bonus Points in Lab 3 SP23

To do list

For +1 on your lab, put the 5 constraining functions in a to-do list. That is to say, create an array of function pointers and add the following functions to that array in the order given

1. Left wall
2. Right wall
3. Top wall
4. Left flipper
5. Right flipper

Then have your code loop through that array, calling each function in turn and passing it the ball pointer for the current ball being updated.

Design note that applies to everyone:

For each step through the sim loop, you only want two iterate calls; one for output and one for updating. The update action function will be the one calling physics and constraints.