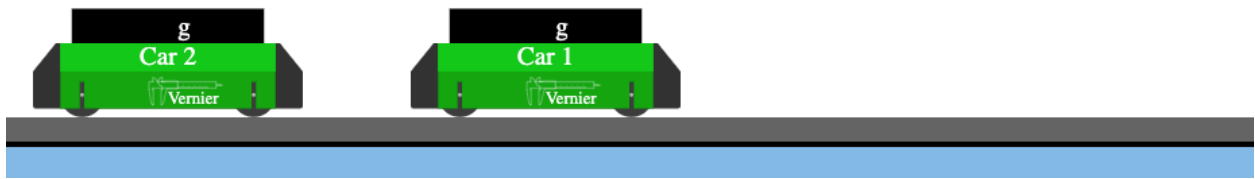


Momentum Conservation 3 (One Overtakes)

Step 1: Give the mass on top of each car and the velocity of each car in the space below. Then neatly calculate the momentum of car two before the cars collide.



Step 2: Eventually, your cars will crash into each other and stick together. Use the idea of conservation of momentum to predict the velocity of the two cars after they collide and stick together. Show your work neatly below. Enter your answers into the program to see if you did all your work correctly.

