In this project you'll revisit the lake race track from the Behavioral Cloning Project. This time, however, you'll implement a PID controller in C++ to maneuver the vehicle around the track!

The simulator will provide you the cross track error (CTE) and the velocity (mph) in order to compute the appropriate steering angle.

One more thing. The speed limit has been increased from 30 mph to 100 mph. Get ready to channel your inner Vin Diesel and try to drive **SAFELY** as fast as possible! **NOTE: you don't have to meet a minimum speed to pass.**

What You'll Receive

1. A **GitHub repo with starter code** that you can fork.
2. A simulator, download from the **releases** page of the project repo. You should download the most recent version.