Robots I - Week 4

PBRCL Competition

PBRCL Code Review

Before we get started, let's take a look at the PBRCL source code. While the hood is open you can consider making modifications (but would suggest that you discuss these changes with the instructor before or after you make them).

Amazing Race

We are going to perform an amazing race of robots each performing roughly the same program. The first robot that completes the challenge is the winner. There will be time for a trial run before the competition begins.

Race 1: Out and Back

The goal of this race is to perform and out and back task. The robot that is capable of traveling the furthest in the out and back task is the winner.

Race 2: Box Navigation

There are two taped areas on the floor. The robot must be able to navigate from one area and arrive to the second. The robot that is closest to the second area is the winner.

Race 3: 5 Meter Dash

This is a test of speed. The first robot that crosses the finish line is the winner.

Race 4: Class Choice

Pick and vote for a race to perform!