Final Report for Egg Hunt

Now that the egg hunt tournament is over, write a report on your experience that answers the following questions. Each person should write his or her own report.

1. Briefly describe your initial strategy for accomplishing the competition task. How did your strategy evolve over the building period?

2. Describe the design of your robot. Please include a sketch or photo of your robot(s). What sensors did you use? Where did you place them? What were you using each sensor for? What was your drive train for your robot? How many motors (and which type) did you use? How many wheels? What gearing? Also describe any other relevant structures on your robot.

3. Describe your code design for the robot. What were the behaviors you designed into your robot? Did you choose to multitask or did you have a single process? Use pseudocode to describe your code design.

4. Turn in your code for your robot. Be sure to comment your code, at least one comment per code block.

5. Did your robot behave as you had planned during the seeding rounds? If not, do you know what made it behave differently?

6. Did you change your robot design or robot code between the seeding rounds and the tournament? If so, what did you change and why?

7. Did your robot behave as you had planned during the tournament? If not, describe why not. How could you have changed your design to account for what happened during the tournament?

8. If you were to redesign your robots, what changes would you make?

9. If you were to redesign the tournament, what changes would you make?

10. What were your contributions to the project?