

Assignment 1

Due: Wednesday, January 9, 2008, 11:59 pm

1 Your Task: Diving into 6.270

1. Read every word of this assignment. There are a lot of details you should know, and every year we find contestants making the same mistakes. Also note that if you are taking this course for credit and EDPs you must complete these assignments in order to pass.
2. Know your TA and Organizer by name. :)
3. Checkoff: Discuss rules of the contest with your Organizer and TA.
4. Checkoff: Let us know if you intend to take this class for credit. Tell us your MIT ID number at checkoff if you do.
5. Construct Ross' Car of Awesomeness using LEGOs from your kit.
 - Instructions for building the Car of Awesomeness can be found under the Assignments section on the contestants page.
 - Play around with the LEGOs, get familiar with them and try to think why the Car of Awesomeness is constructed in this way.
 - Checkoff: Show us the complete Car of Awesomeness, and be ready to answer questions on its design and construction.
 - Note: the blue bricks and floating eight tooth gears in the instructions represent Lego-ized motors. You will be able to replace these with real motors once you receive them.

2 Checkoff

You need to be checked off by either your team's organizer or TA. A schedule of staff lab hours will be posted online. Please meet the deadline and finish the assignment by Wednesday. If you're behind, the work will pile up later on this week.