CS 106AJ Graphics Contest

Submission deadline: Monday, October 29, 5:00 P.M.

As exciting as it is, your Breakout assignment only scratches the surface of what you can do with the CS106AJ **JSGraphics** package. To give you a chance to explore the capabilities of the package in greater depth, we are pleased to announce the CS 106AJ Graphics Contest.

Each of you is eligible to submit one entry for the contest, where an entry consists of a program that uses the CS106AJ graphics library. You are free to use any of the capabilities available in that library, including those described in the textbook even if they have not been covered in lecture. The easiest way to start is by downloading the **GraphicsContest** starter project from the web site and then adding your code to the empty program there.

Selection criteria

As in the Karel contest, entries will be judged by the entire CS 106AJ staff (see official rules below), and a prize will be awarded in each of two categories:

• *Aesthetic merit.* This prize is awarded based on the aesthetic value of the graphical image produced.

• *Algorithmic sophistication.* This prize is based on the difficulty of the underlying programming task and the sophistication of the displayed images.

In both categories, programming style will be part of the evaluation. Please note that you don't have to specify a category; all entries will be eligible for either prize.

Prizes

The grand prize in each of the categories will be that we will replace whatever individual score most negatively affects your grade—which may be an assignment, the midterm, or the final—with a 100% in the computation of the final grade. As announced in class, those of you who submit serious entries get a chance in a random drawing at the end of the quarter for an additional grand prize.

Official rules

1. Only students registered in CS 106AJ are eligible to submit entries in the contest.

2. Only one entry per person will be accepted.

3. All entries must be submitted electronically (no paper copy required) using Paperless by 5:00 P.M. on Monday, October 29th. Late entries will not be accepted.

4. You are required to do all of your graphical operations using the classes from the CS106AJ graphics library. Thus, you may not dig into the official JavaScript documentation and come up with some other way of displaying graphics.

5. Your entry may not set a window size larger than 800×600 pixels. This restriction ensures that entries can be viewed even by people running with smaller screens.

6. Contest entries should be sensitive to Stanford's individual and cultural diversity. Programs or narratives that have the effect of perpetuating negative stereotypes will not be considered for prizes.

7. Contest entries will be evaluated initially by Jerry Cain and Ryan Eberhardt. The best entries will then be judged by the section leaders, who will choose the winners in each category.