P7 - Finally

Project 7, due the Friday you get back from break, is different in that you get to pick a physics problem that you find interesting and solve it computationally. Bring your project 7 proposal to class the Monday after break.

The scale of this project should be no larger than one HW assignment. On Friday each person will give a short 2-5 minute demonstration of their results. You must also bring 10 hard copies of your code.

Sample Projects:
Check that rotational KE of a sphere = $\frac{I\omega^2}{2}$.
How far will a spring hang under its own weight?
What is the fastest program you can write to determine the volume of a sphere to within 0.001%.
Determine the electric field at any x,y,z away from a dipole. Comment on results.

Place your code into the P7 dropbox by Friday after break.