CS155 - Homework #2 (OpenGL)
Due: Tue Oct 7

Objective: Getting started with OpenGL.

Modifying the program double.c, create an animation that draws three polygons of different colors: a red square, a blue triangle and a green hexagon, centered as shown in the picture.

![Animation of three polygons](image.png)

Reading the keyboard input, the program will behave as follows:

- ‘s’ will start/stop the square from spinning clockwise;
- ‘t’ will start/stop the triangle from spinning counterclockwise;
- ‘h’ will start/stop the hexagon from spinning clockwise;
- ‘q’ or ESC terminates the program.

Spinning of the three polygons must be obviously independent.

- Submit the C program both on paper (before the beginning of the class) and by email (cs155@cs.brandeis.edu).
- Comment the program with your name and email. Indicate on which platform has been tested (Windows, Mac OS, Linux, etc.).
- State clearly in the comment section whether the program work properly or not. In case it doesn’t, describe the problems.