CSC4820/6820 Interactive Computer Graphics

Homework 1

Due date: 11:59 pm, October 2, 2014

Requirements:

1. Compile and execute the attached OpenGL program. This program is from the book “Interactive Computer Graphics: A Top-down Approach with Shader-based OpenGL Programming” by Ed Angel and Dave Shreiner.   
   Take a screenshot of the rendered image.
2. Write detailed comments on the program source code. For the following source files, you need to write comments for every statement of the code.
   1. Example3.cpp
   2. Vshader23.glsl
   3. Fshader23.glsl
   4. InitShader.cpp
3. Submit the following files:
   1. The source code with comments. Write your name at the beginning of the source code.
   2. The screenshot of the rendered image. Name the file [your\_last\_name]\_hw1.jpg.
   3. Put all the files in a single zip file. The filename should be [your\_last\_name]\_hw1.zip.
   4. Upload the zip file to Desire2Learn under the dropbox “Homework1”.