Lab 4 - Viewing Pipeline ⋏↓

Start Assignment

- Due Sunday by 11:59pm
- Points 3
- Submitting a media recording or a file upload

Create a blank project with ofxAssimpleModelLoader and ofxGui add-ons.

1) Complete the Perspective Transformation Chain by Implementing M_persp() and test by drawing pyramid (in perspective) using it.

2) What is wrong with the output to the screen ? Fix it by adding another transformation Matrix in the pipeline.

3) Draw a point cloud (3D) of your favorite model using the transformations and your favorite model file. Note: you can use ofDrawCircle(x, y, r) with a small radius to draw each point. No 3D API allowed to draw the points.

Please Submit:

(1) Source file(s) (uncompressed)

(2) Screen grab (1 frame) of your final result - no movie needed.