

CIS 410/510: Project #6A

Due November 1st, 2015

(which means submitted by 6am on November 2nd, 2015)

Worth 7% of your grade

Assignment:

- 1) Download skeleton file proj6A.cxx and data file proj6.vtk and put them in a new directory.
- 2) Re-use your CMakeLists.txt from the last project.
- 3) Run cmake, compile the program and run the program. It will put up a window that has line segments around the box $X=-10 \rightarrow +10$, $Y=-10 \rightarrow +10$. These line segments were made by calling the method AddSegment on the class SegmentList. You will add additional segments for your isosurface.
- 4) Implement an isosurface algorithm for the 2D quads in proj6.vtk. The isovalue should be 3.2.
- 5) Update to Canvas your source code and a screenshot of your program working. Make sure to cross-reference with the correct image posted on the website.