

CIS 410: Project #1

Assigned: January 4, 2022

Due: January 10, 2022

(which means submitted by 6am on January 11, 2022)

Worth 2% of your grade

Assignment:

- 1) Download and install CMake. Use version 3.22.1
- 2) Download, build, and install VTK. Use version 9.1.
- 3) Download the file called data.vtk
- 4) Make directory called “project1”
- 5) Download file project1.cxx and CMakeLists.txt from class website and copy them into directory project1
- 6) Update the VTK_DIR variable in CMakeLists.txt to point to the path of the VTK you just installed.
- 7) Run CMake. This will create build files.
- 8) Compile the program. For Unix/Mac, this means “make”
- 9) Run the program. (How to run is platform dependent ... on Linux and Mac, a binary gets generated and you invoke it.)
- 10) Submit a screenshot of the working program via Canvas

There is a YouTube video on the class website that shows me performing these steps.