

CSCI 552 (Spring 2019)

Project #2

Handout: Thursday, February 7, 2019

Due: 11:59 pm, Thursday, Feb. 21, 2019

Total points: 25

All projects will be submitted through Canvas.

Your submission should include: (1) your source code files; (2) the executable file; and (3) a README file containing necessary instructions, known bugs, and any other notes you would like me to read.

Write a VTK program to create and display a structured grid for a cylindrical ring (a cylinder with a hole through it). The cylinder will have inner radius that is half of the outer radius. The color of the grid points are defined by an elevation filter. An interactor will also be defined to let the user interact with the object.