**INFO-3111 Summer 2023 – Checkpoint #3**

|  |
| --- |
| **Due:** At the start of class, **11:00 AM, Friday, May 12th, 2023**  **12:00 PM (noon), Thursday, May 18th, 2023** |
| **Submit:** Your screenshot to the submission folder in FOL |
| **Worth/weight/mark value:** approximately 1%  (There will be up to 12 checkpoints, *all together worth 10%*, and the lowest two marks (including marks of zero/no submissions) being dropped (not included in your mark). |

Show at least five (5) **wireframe** models in a simple “scene”.

Add camera controls so you can move around somewhat.

The details:

* There has to be at least three (3) different models. (i.e. they are different files)  
  (Since there’s five (5) in total, you can repeat some of them)
* They have to be different colours.
* Use the keyboard to move the camera around. You need to be able to move on both directions on all three (3) axes. Wireframe (*not* “solid”) rendered.
* BONUS #1 (worth an additional 25%):
  + One of the models has to have random colours on each vertex.
* BONUS #2 (worth an additional 50%):
  + One of the models has to have a rainbow or gradient effect along one of the axis.   
    There has to be at least five (5) different colour “bands” across the model, as if there’s a set of coloured stripes along the model.

Submit a short **video** showing:

* Visual Studio running with your code.
* Somewhere on the screen it should have your name and student number.
* The program starting and showing the model.
* Move the camera around the scene, showing your masterpiece.