**1-2 Assignment: Preparing the Development Environment**

The only challenge I faced when setting up was ensuring that I had the updated version of Visual Studio 2022 on my computer. I was able to open Visual Studio Installer and use the most current version. Downloading the file from the resources page and extracting it in my local C: Drive was straightforward and opening the OpenGLSample file was easy. Once I opened the file and it populated in Visual Studio I went ahead and clicked build and noticed that the build was successful, but also noted there were some warning messages and other outputs that seemed to signal that may be a cause of error in output. After using the correct file due to an oversight from reviewing my announcements for the course, I was provided with the correct zip file with updated code and it was easy to open again as before.  
 As I mentioned the build was successful, however the output looks different than what I observed in the [**Using macOS?**](https://learn.snhu.edu/d2l/le/news/1644142/7506493/view?ou=1644142) Announcement. It seems there is something not working properly, or the shadows are heavy in code possibly. I’m not too sure, but I moved on to the next step in locating the main.cpp file and then I used “ctrl+f” to search for “const char\* const WINDOW\_TITLE” and I was able to make the change. I then rebuilt the file and re-ran the code to display the output desired per the module guidelines. This is an update, I was able to update the code like before and the code worked properly and the 3D scene rendered appropriately. Please see below for the screenshots requested.

**OpenGLSample Code Output**

**A screenshot of a computer program

Description automatically generatedA screen shot of a computer program

Description automatically generated  
Build Output**

**Run Output**

**3-D Scene Window Title Change Screenshot**

**A screenshot of a computer

Description automatically generated**

**References:**

*Install visual studio and choose your preferred features*. Install Visual Studio. (n.d.). https://learn.microsoft.com/en-us/visualstudio/install/install-visual-studio?view=vs-2022