Assignment 4

- Installation of OpenGL on Ubuntu.
- Exploring the use of OpenGL.

✓ **Installation of OpenGL on Ubuntu**

    ✓ **Run the following commands to install OpenGL:**

$ sudo apt-get update

$ sudo apt-get install libglu1-mesa-dev freeglut3-dev mesa-common-dev

✓ **Run the programs with following command:**

$ gcc first.cpp -o first -lglut -lGLU –lGL

$. /first

✓ **Explore OpenGL**
    ✓ **You can follow the link given below for OpenGL tutorial:**
        - http://www.cs.uccs.edu/~ssemwal/indexGLTutorial.html

✓ **Write a program to draw the following shapes:**

1. **Points (individual points)**
2. **Lines (pairs of vertices interpreted as individual line segments)**
3. **Line Strip (series of connected line segments)**
4. **Line Loop (same as above, with a segment added between last and first vertices)**