

## **CUDA Exercise:**

### **Sample Codes of CUDA sdk:**

1. Simple OpenGL: Simple program which demonstrates interoperability between CUDA and OpenGL.
2. Simple Texture 3D: Simple example that demonstrates use of 3D Texture in CUDA.
3. Simple D3D9 Texture: Simple program which demonstrates Direct3D9 Texture interoperability with CUDA.

### **CUDA Exercise:**

1. Run Post-Process in OpenGL sample code and then modify in the source code and demonstrate object with the movement of changing colors in result.
2. Run Simple OpenGL sample code modifies in the source code and demonstrate it with changing colors.
3. Demonstrate the CUDA based Julia set and Mandelbort fractal model.
4. Demonstrate Matrix Addition, Multiplication, and Transpose of any matrix.