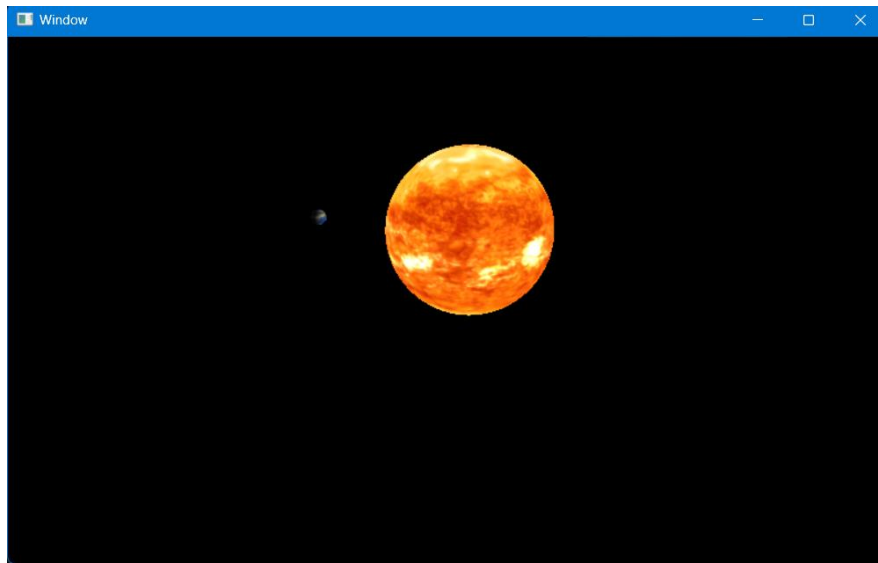# CG_Assignment_Report_3

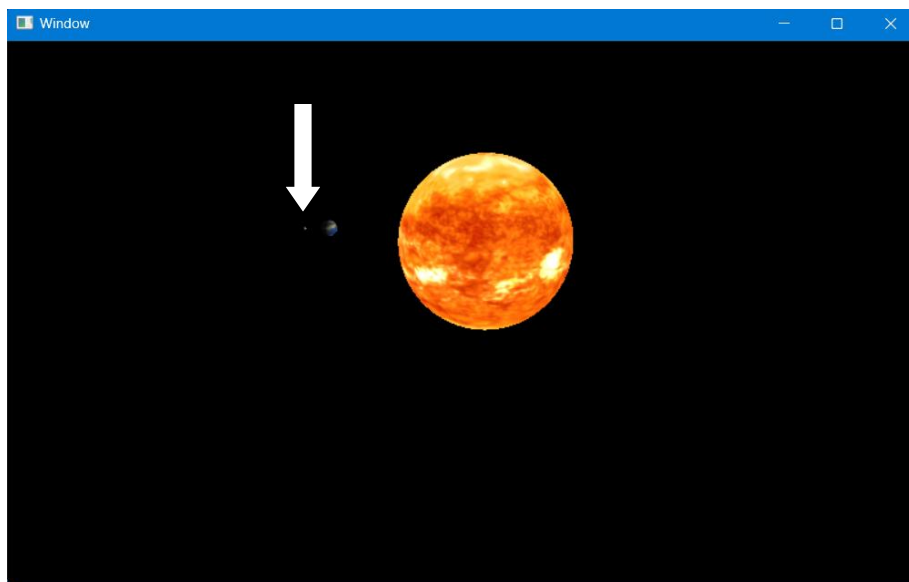Name: Abu Taher
Student ID: 2410233
Date: 25 May 2025

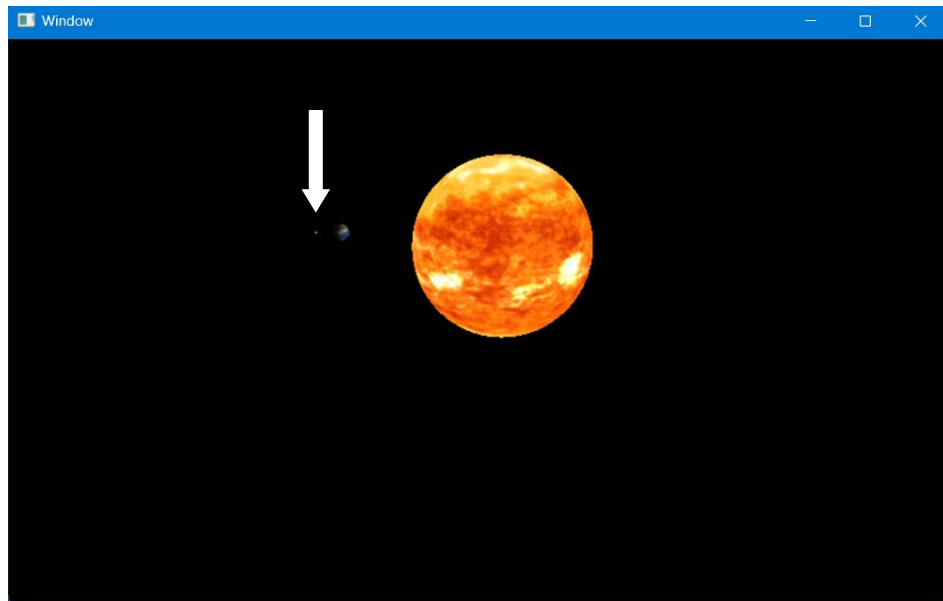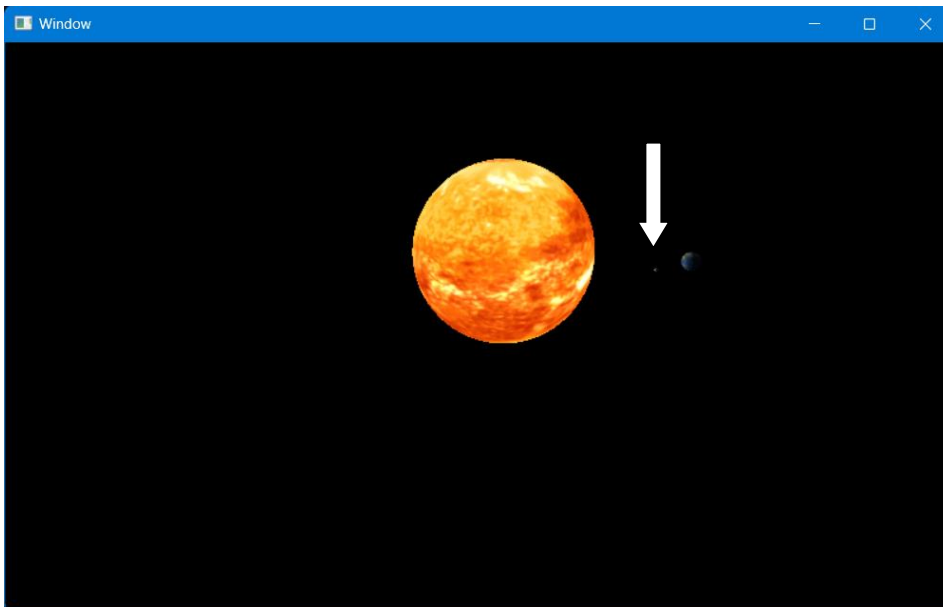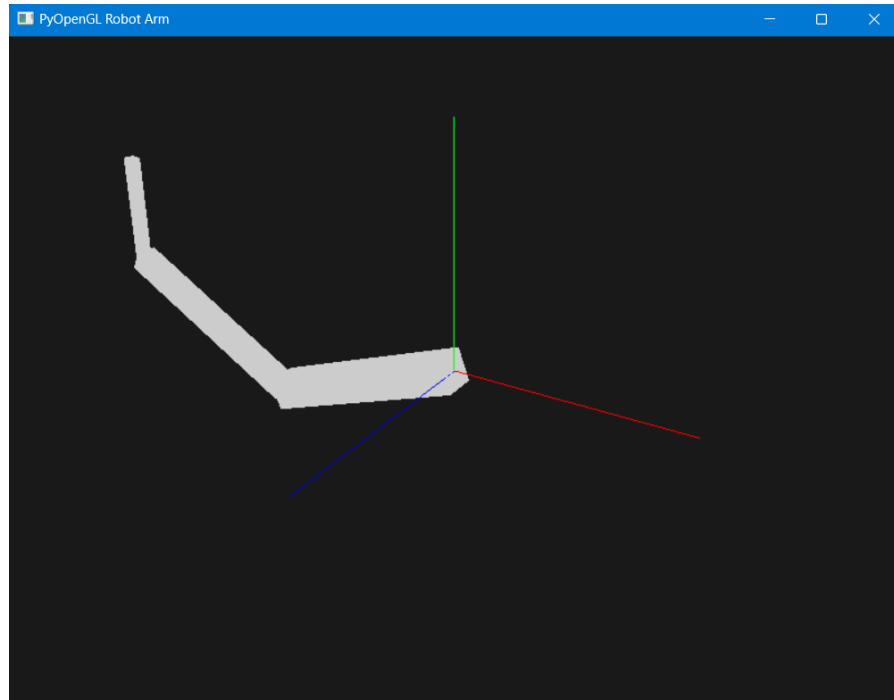**Task 1:**

Task 2:

Task 3:

Task 4:

Task 5:

Explanation:

1. **Shoulder**

   This is the root and base segment. I have implemented

         Rotate: 'shoulder_angle' around z axis

         Translate: Translated 1 unit along the z-axis

         Scale: To make the upper arm

2. **Elbow**

   This is the child of the shoulder.

         Translate: 1 unit along the x axis

         Rotate: rotate around z axis

Scale: To form the lower arm

3. **Wrist**

This is the grandchild of the elbow.

Translate: 1 unit along the x axis
Rotate: around z axis
Scale: to form the wrist segment.