Project 4

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COMPUTER GRAPHICS - CMSC 405

10/14/17

Contents

Test Cases

Aspect Tested	Input	Expected Output	Actual Output	Test Outcome
Animate	Animate	Marble rolls in a circle	Marble rolls in a circle	Passed
Slider	Slider	Scene scales	Scene scales	Passed
Reset Rotation	Reset Rotation	Rotation and scale is reset	Rotation and scale is reset	Passed
Moon Light	Moon Light	Moon Light is toggled	Moon Light is toggled	Passed
Lamp Light	Lamp Light	Lamp Light is toggled	Lamp Light is toggled	Passed

Final Product

When opening the "Simple Night Scene.html" file in a web browser, you will see a html page like the image below. I have included multiple objects to make up the scene, as well as 2 different lights. By default, the animation is turned off. When the animation is toggled, the marble will roll around the lamp. It is also possible to change the scale of the scene with the slider, and toggle the lights with the various checkboxes.