David Olumlua CSC 322 Activity 2

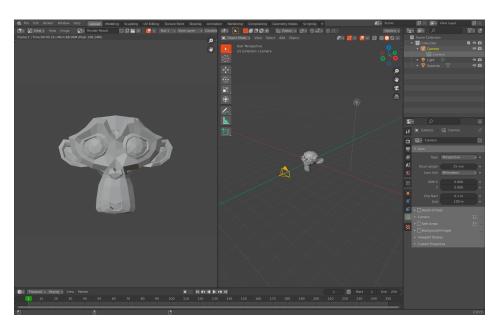
1. $[\cos(\pi/4) \ 0 \ -\sin(\pi/4)]$ $[-(\sin(\pi/4))^2 \ \cos(\pi/4) \ -\sin(\pi/4)\cos(\pi/4)]$ $[\cos(\pi/4)\sin(\pi/4) \ \sin(\pi/4) \ (\cos(\pi/4))^2]$

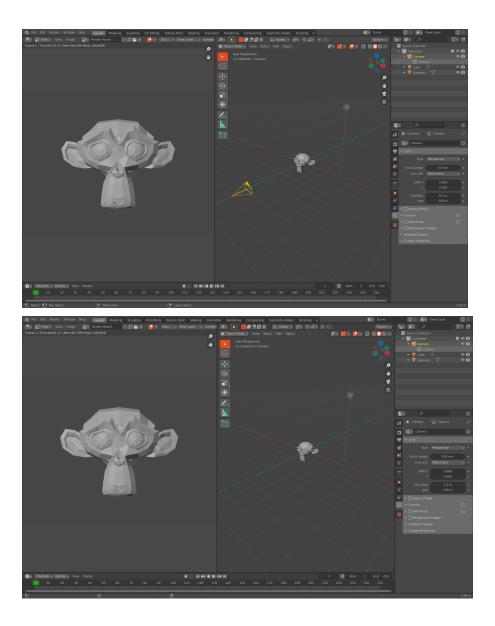
2. $[\cos(\pi/4) - (\sin(\pi/4))^2 - \sin(\pi/4)\cos(\pi/4)]$ $[0 \cos(\pi/4) - \sin(\pi/4)]$ $[\sin(\pi/4) \cos(\pi/4)\sin(\pi/4) (\cos(\pi/4))^2]$

3. (3, -.41421, 2)

4. (3, 0, 3)

5.





6. They are all the same picture; changing the focal length changes how much it zooms in on an object

7.

