CSE 410
Introduction to Modeling and Camera

Description

Part I

In this assignment, you have to model the following Octopus ride.

Requirements:

- Maintain the structure as closely as possible. (You can draw the engine portion (colored in blue) just with a cylinder and you do not need to model the small car with a cartoon face at front).
- The lower part of the engine along with Octopus legs connected to it will rotate around z- axis. Keep a key to control its rotation speed.
- The 4 cars will rotate about the yellow colored Octopus leg.
- The Octopus legs will go UP and Down alternatively .
- Make the Start and stop of the ride key control.

Part II

You have to model a first person walking camera both keyboard and mouse control. Your camera will be smooth enough and must have the following moves:

- Left –Right
- Forward – Backward
- Up-Down
- Roll
- Pitch
- Yaw