

For the project, I took the large understanding of how environments were created to build my own environment. My environment is loosely based on a combination of the final image from the first part, the beginning part of chapter 7 of the second book, and the "Cornell Room". I made some metal balls and blocks to reflect the light from the various sources. In the top left corner, I put a light emitting sphere inside of a dielectric sphere, which forces some of the light to refract. Throughout the environment, I have light emitting planes, and I have placed dielectric and Lambertian spheres in front of some such light emitting planes. I also figured out how to create fully enclosed boxes, so I have added 3 in the bottom right corner, two are metal, and one is solidly colored.