Module One Project Review

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[CS-330-T6633 Comp Graphic and Visualization](https://learn.snhu.edu/d2l/home/1116044)

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The image I chose is the garden. There are four major objects I see in this image that can be translated into simple shapes; those shapes are cylinder, cube, plane, and torus. The conic trees are cylinders with a circle base on one end and a 0-radius base on top. There is a torus surrounding a spiral tree in the middle. The bush on the bottom left is a cube. Finally, the plane is represented by the ground.

While the conic trees in the garden can be represented by a cylinder equation, the rounded tops can be made using a sphere for the top and a cylinder with a matching radius to the sphere for the top base. The spiral tree in the middle of the image seems to be a combination of a cylinder and a torus, with the torus using a sine or cosine function to create the spiral.

Areas for simplification would be the deciduous trees in the background. The tree in the center could not be a spiral; instead it could be done as just a cylinder like the other conic trees.