2-3 Milestone One: Project Proposal

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I have selected a simple 2D image of a small workspace on a desk. This image includes a computer monitor, a coffee mug, a stack of books, and a plant in a pot. I chose this scene because it consists of basic objects that can be replicated with fundamental 3D shapes, making it achievable within the project scope.

I will replicate the following objects from the image:

* Computer Monitor: A simple rectangular shape that serves as the main focus of the workspace.
* Coffee Mug: A small cylindrical shape with a handle, providing a bit of curvature to the scene.
* Stack of Books: Multiple rectangular shapes to represent a small stack of books.
* Plant in Pot: A plant in a simple tapered cylindrical pot, adding a touch of natural detail.

These objects were chosen because they are straightforward to model using basic 3D shapes while still providing enough variety for an interesting scene. Computer Monitor will be created using a box shape for the screen and a smaller box for the stand. Coffee Mug will be modeled using a cylinder for the body and a torus for the handle. Stack of books will be built using multiple box shapes of varying sizes. Plant in pot will be a TaperedCylinder, and the leaves will be represented with small planes. A Plane will be used to create the desk surface, grounding all the objects in the scene. This selection provides a balanced mix of objects that can be easily created using basic shapes. The scene is simple enough to be completed within the project’s time constraints while still allowing for the demonstration of different 3D modeling techniques, such as combining shapes and working with different geometries.

Images



