I’m Very Important

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My project was inspired by a quote by the legendary Ron Burgandy. Ron states, “I’m very important. I have many leather-bound books and my apartment smells of rich mahogany.” This statement compelled me to create a study with many leather-bound books, which smells of rich mahogany because that would make me feel as if I am a very important person myself. Overall, on this project I mainly focused on using things such as boss extrudes, extruded cuts, and linear patterns. I also found out later about the mirror tool which ended up being very helpful and which limited a lot of the extra work I would have had to do. The way I worked on the project was one piece at a time. I started making the floor, extruding a small rectangle. From there I did an extruded cut and a linear pattern to create the effect of wood floors. Next I worked on the bookshelves. I made a large extruded rectangle and cut large gaps for the actual shelves. From there I made a pattern so that it would make the holes cover the entire structure. I added two of these to the assembly. Then I created two simple blocks as space consumers around the fire place. They were simply extruded rectangles. After I worked on the fireplace. I drew the outline and extruded it and then I made an extruded cut for the fire’s place. I then took the time to create a brick pattern. I did extruded cuts and linear patterns all over the front after which I created a mirror to cover the back. I then did the sides the same way and simply colored it as a brick. After I worked on the chair. This required a lot more different processes. I used boss extrudes and the tool which follows the path. I used extrudes to make the chair itself and the follow tool to create unique legs. Last I worked on the books. I made a pattern and then simply added a lot of copies to the different areas on the bookshelf to fill it up. The adding of the books took a long time so I deleted my second bookshelf from the assembly and made an assembly of only the other bookshelf. I then added that on to the assembly instead. The hardest part was the fireplace because I kept running into problems when creating the brick pattern. I kept having errors when I would get to the part where I would cut out the pattern and it was simply very tedious and annoying. After I got the first face done it wasn’t that bad though because I learned to use the mirror tool, thus I didn’t need to repeat the whole process again. The most disappointing fact though was that when I was finally done the fireplace I realized that I could have simply picked a material which would have simulated the same effect. I feel as if it is self-explanatory but I gained the experience in Solidworks through this portion. I feel as if I am at least comfortable enough using Solidworks and that will likely come into play later on because if I need to use it again I will either be able to or at least have a shorter learning curve.