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Journal:

Moving Camera with Mouse:

Working on the script for the camera movement wasn't as bad as I expected it to be. I only had a single problem when pressing play and moving my mouse to the center of the screen, the camera would move straight down. The problem was that when you press play the mouse is locked to that point as it's center. I fixed the problem by adding in a code so that when I press play, I need to hit the tab button on my keyboard to lock my camera when I've centered my mouse.

Pick Up System:

The pickup system was straight forward, I just had to make sure I had a player tag on my character and a pickup tag on my object, that way my character would interact with the object properly.

Interaction System:

The Interaction system took me longer than expected, I had to create a script but the article I followed missed a couple steps. I had to double check that I had everything written down correctly, I used a GetKeyDown so that when my button is pressed it activated a component in the game, and that was the step that I missed.

Door Open System:

The door system was a tricky one it required more than a script. I got the door to go down when the player is near it, but I wanted it to go back up, so I had to create another animation and make sure it was set so when the player leaves the area the door resets smoothly.

Rotation System:

The Rotation Script was Straight forward, I had to create two float variables and make sure I was using the right axis. I had no issues with this tutorial but next time I will be sure to implement this in a project, I think this could be very useful.

Task Log:

05/10/2021	10:00	12:00	10 Min	1H 50 Min	Script for moving camera with mouse
12/10/2021	10:00	11:00	5 Min	55 Min	watching pick up coin system tutorial on YouTube
12/10/2021	10:00	12:00	10 Min	1H 50 Min	Pickup coin system coding in Unity
19/10/2021	10:00	11:00	10 Min	50 Min	Reading article on Unity Interactions
26/10/2021	10:00	12:00	10 Min	1H 50 Min	Unity coding Interaction system
02/11/2021	10:00	12:00	10 Min	1H 50 Min	Unity coding door open system
09/11/2021	10:00	12:00	5 Min	1H 55 Min	bug fixing door system in unity
16/11/2021	10:00	11:00	5 Min	55Min	Watching a tutorial on how to create a rotation system
23/11/2021	10:00	12:00	10 Min	1H 50 Min	Creating a rotation system in Unity