This week week 9, I worked on a lot of errors and fixing them. First I was on the STEP 4 in the second part of executing database queries in python. The first part was connecting the python model to the database to be able to start making queries. At first I was doing it wrongly, and just trying to connect to the database without some packages installed. Then I talked to Dr Jones who walked me through it. Since I was receiving errors, we began to go back on each one to see what it was. One of the reasons I was receiving an error was because I had not installed the package pipenv. Even though I had earlier, it was not inside my project directory that I installed it so I had to reinstall it all over again into the directory.

Then I created my own Model which had two classes for the two tables in my database. The columns in the database were the fields in the models. I made sure to map everything in my model with my database.

Then I tried to connect it, but it would not work, as it had a problem with the password. So I began debugging. On google, one of the solutions they had was removing the capslock in the password as PSQL takes just small letters. It did so, but it still did not work. I tried another method of trying to change the password using 'sudo passwd access' but I was given a 'user does not have access' and I believe that is because I was not root. The above methods were for Unix however and not for postgresql. I kept surfing the web and tried out ALTER USER user_name WITH PASSWORD 'new_password'; which worked and I was able to change my password. Now after changing it, I was supposed to be able to link the model file and the database but it was still giving the same error. Since I had changed my password in postgresql, I felt maybe it needed to be changed in root so that it would work. But before that I still tried out more methods which all did not work. Finally, in the 'correctmodels.py' file I took out the password variable, then I changed the former username in the file which was 'root' and I put mine there 'Chukwuemekan' and it worked. I got new errors, but they were not database password errors and I was able to fix them.

Then I tried to go to the next step of part 2 which was accessing the database and connecting it and writing queries. I began getting another error which was introspector = Introspector.from_database(db)

This new error came about because I was importing the wrong variable. Instead of importing the database, I was importing the name. I was able to bypass this stage through the help of Dr Jones. I then went next into converting my SQL queries to python, which dealt me a lot of errors too.

This week, the most significant thing I learned was dealing with errors and fixing them. At each stage, there was always an error and I had to figure out the reason for them