1. What is an Object Relational Mapper and what are the advantages of using one?

-A technique that allows programers to bridge the gap between OOP languages and relational databases to interact with a database through object like structures instead of raw SQL

2. By this point, you've finished creating your Recipe app. How did it go? What's something in the app that you did well with? If you were to start over, what's something about your app that you would change or improve?

-I think it went pretty well. There were some tricky things but I never got really stuck like I did a couple times in the full stack course. If I were to start over I would take some time to try out diffrent patterns I could "print" onto my terminal with. Once I got more familiar with how I can use that I was able to make the finished product look much more clean, and I even still can improve on that. It made it much easier to read.

3. Imagine you're at a job interview. You're asked what experience you have creating an app using Python. Taking your work for this Achievement as an example, draft how you would respond to this question.

-I recently created a Command Line Interface application that uses Python and SQLAlchemy. The app allows users to create, view, update and delete as well as search through recipes for specific ingredients. I used SQLAlchemy to define the models, perform CRUD operations and manage database operations. I focused on creating clear user friendly prompts for this app, and all of this really helped solidify my knowledge of python and SQL.

4. You've finished Achievement 1! Before moving on to Achievement 2, take a moment to reflect on your learning in the course so far:

a. What went well during this Achievement?

-One thing that went well was debugging whatever little problems happened with my code. There were some things I needed help with but overall I found it relatively easy to diagnose the problem based on the error message I received from the command line.

b. What's something you're proud of?

-I am proud of how quickly I was able to progress through this achievement. Things were straight forward and I feel I was able to retain most of what I learned from these tasks because I never got stuck for too long so I was able to keep my momentum going.

c. What was the most challenging aspect of this Achievement?

-The most difficult part for me was getting used to the different syntax. I feel most of the functions act similar to JS so a lot of my errors came from my mistakes in the syntax. But now that I know how big a role that plays I feel I can really start to pay attention to it.

d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Python skills?

-I still feel like I need more practice but I believe I understand the basics. I think it did a good job of opening the door but I don't feel like I could start a new job and start working with python or SQL tomorrow.

e. What's something you want to keep in mind to help you do your best in Achievement 2?

-I want to keep in mind one of the things that I have learned from the whole course in general, which is that I am capable of learning this and I have the skills and the resources to solve the problems I come across so to just keep pushing forward. I am close to the finish line.