Exercise 1.7: Finalizing Your Python Program

Learning Goals

• Interact with a database using an object-relational mapper
• Build your final command-line Recipe application

Reflection Questions

• What is an Object Relational Mapper and what are the advantages of using one?
- An Object-Relational Mapper (ORM) is a tool that helps you work with databases using objects in your programming language, so you don't have to write raw SQL queries. It makes things easier and faster for developers by letting them interact with the database in a more intuitive way, and it also helps prevent common issues like SQL injection attacks.

• 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?

• 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.
• - Creating my Recipe app was a great learning experience! One thing I did well was designing a user-friendly interface that makes it easy to navigate through recipes and add new ones. If I were to start over, I would focus more on optimizing the search functionality to allow users to filter recipes by ingredients and dietary preferences more efficiently. Additionally, implementing better error handling and validation for user inputs would be a priority to improve the overall robustness of the app.

• You've finished Achievement 1! Before moving on to Achievement 2, take a moment to reflect on your learning in the course so far:
• What went well during this Achievement? Python is clearer to understand I feel like
• What's something you're proud of? I was able to stay consistent and understand the concepts easierish.
• What was the most challenging aspect of this Achievement? - Working in command prompt sometimes is scary for some reason.
• Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Python skills? yes
• What's something you want to keep in mind to help you do your best in Achievement 2? Basic commands for command prompt to help me navigate it easier.