

## 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 makes database conversion from MySQL much easier.
- 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 that it went well for the most part and I think that I did a good job with getting all of my functions working as expected.
  - If I were to start this project all over, I would have been better organized and looked over the achievement with a birdseye view to better understand each step of the journey.
- 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 have experience with Python that I learned when building the backend code for a command line recipes app that allowed users to create recipes, view recipes, search for ingredients, edit recipes, and delete recipes.
  - I also learned how to store data using MySQL and used an ORM to make the data operations easier.

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?

- I think that breaking it all down into small tasks helped me learn it all step by step. Using the learning journals also helped solidify what I was learning.
- What's something you're proud of?
  - I'm proud of the command line app that I've built and that I was able to run and fix all of the bugs that I encountered as I was testing the code.
- What was the most challenging aspect of this Achievement?
  - I was challenged by the bugs that I found that broke my code and when I got stuck in a couple of infinite loops.
- Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Python skills?
  - Yes it met my expectations and confidence with Python, but I still feel like I have a lot more to learn.
- What's something you want to keep in mind to help you do your best in Achievement 2?
  - That I've built a strong backend code and achievement 2 will help make that code shine for the user experience.