#### Challis Regan

### Exercise 1.7: Finalizing Your Python Program

#### Reflection Questions

1. What is an Object Relational Mapper and what are the advantages of using one?
   1. An object-relational mapper (ORM) changes the structure and contents of a database into things that can be directly interacted with, such as objects and classes. This makes database conversion easier because you don’t have to use SQL syntax in the middle of an object-oriented Python file.
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?
   1. It’s difficult to answer what I would change or improve, because this lesson was mainly about learning and the next achievement’s project will be a client-facing app. I am glad I got to learn the basics of Python in this lesson. For the client-facing app, I plan to make more interesting recipes and a nice UI/UX.
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.
   1. I built a Python command line application for a Recipe app. It creates, reads, updates and deletes recipes, as well as searches for recipes based on ingredients. It is connected to a MySQL database and is written using object-oriented programming. Also, I am going to use this app as the foundation to develop a fully-fledged web application using Django, which will have multiple users and an admin panel.
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:
   1. What went well during this Achievement?
   2. What’s something you’re proud of?
   3. What was the most challenging aspect of this Achievement?
   4. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Python skills?
   5. What’s something you want to keep in mind to help you do your best in Achievement 2?

### Pre-Work: Before You Start Achievement 2

In the final part of the learning journal for Achievement 1, you were asked if there’s anything—on reflection—that you’d keep in mind and do similarly or differently during Achievement 2. Think about these questions again:

* Was your study routine effective during Achievement 1? If not, what will you do differently during Achievement 2?
* Reflect on your learning and project work for Achievement 1. What were you most proud of? How will you repeat or build on this in Achievement 2?
* What difficulties did you encounter in the last Achievement? How did you deal with them? How could this experience prepare you for difficulties in Achievement 2?

Note down your answers and discuss them with your mentor in a call if you like.

Remember that can always refer to [Exercise 1.4](https://careerfoundry.com/en/steps/your-cf-team#receiving-support) of the Orientation course if you’re not sure whom to reach out to for help and support.