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

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

An ORM converts the contents and structure of your database into classes and objects that can be interacted with directly which makes database conversion much easier.

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?

Working with Python went better than I expected. I did a lot better with the coding than I thought I would have which made everything else seem much easier to use. Having only limited use with it I would not make any suggestions or changes at this time as everything works great from my point of view.

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.

With Python I created a Recipe App. Within this app the user was able to create recipes stored in a database. The user was able to view, search, edit or delete any recipe stored. Each recipe stored the name, ingredients, cooking time and difficulty of each. Python was the perfect language to use for the functionality of the app.

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?

      How easily I have been able to take in and understand Python as this is a totally new language for me.

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

I'm proud of how smooth all the coding and functionality went for me. Usually, I come across problems with my code but dealt with minimal issues this time around. Any issues I did come across I was able to solve pretty easily.

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

Trying not to get too overconfident with Python. Even though it's been easier to understand that does not mean I am an expert and still have much to learn about it.

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

I would think so. It was challenging enough to get my confidence up but not too difficult to discourage me.

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

That I have come a long way from where I started and am now at the finish line. Keep pushing yourself to learn and know that once you are finished the learning doesn't stop.

Well done—you've now completed the Learning Journal for Achievement 1. As you'll have seen, a little metacognition can go a long way!