

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 object-relational mapper (ORM) makes database conversion much easier especially if you're moving from one DBMS to another. An ORM converts the contents and structure of your database into classes and objects that can be interacted with directly.
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?
The recipe app went well. From my knowledge I was able to create the functions necessary to do the specific tasks at hand. I believe I did well with the logic of much of the app. I sometimes skip over the commenting, which I know is an important part of programming, so if I could start over, I would keep that in mind.
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 have experience using Python when I created my Recipe App. I used object-oriented programs, databases and object relational mapping to set up a program that adds recipes, shows the recipe info, edits recipes, searches recipe by ingredient and deletes recipe as well as quits 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? I believe putting everything together in the final app went really well.
 - b. What's something you're proud of? I am proud of the final product and the work I put into it.
 - c. What was the most challenging aspect of this Achievement? The most challenging aspect is getting the coding correct, for me it took a lot of trial and error.
 - d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Python skills? I feel good about how I did with this achievement and look forward to learning more Python.
 - e. What's something you want to keep in mind to help you do your best in Achievement 2? I want to keep at it and keep my motivation high so I succeed in the next Achievement.