

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 for you, 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. All without using SQL Syntax.

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?

Creating the Recipe app was a lot of fun. Python is easy to use due to its readability and I don't think I would change anything about the app for now.

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 created a recipe application using python. Users can create, edit, delete, search recipes, and view all recipes stored in a mySQL database. Information about the recipes(Name, Cooking time, difficulty, ingredients) are stored. Difficulty is automatically calculated by using the cooking times.

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?

The errors I encountered were easier to locate and correct.

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

Using outside sources to help with errors was not needed due to the ease of use with python for this achievement.

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

Setting up mySQL gave a few issues for me that turned out to be typos causing the errors.

d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Python skills? This achievement met my expectations. At first I was intimidated by Python, but now after doing this achievement, I want to learn more about it.

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

Nothing that I can think of, Just to keep motivated and use time wisely to finish tasks.