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Warm Up for the Assignment

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Relational Databases

Instructions

This activity provides an opportunity for you to practice what you learn in each lesson. This is an ungraded assignment. We strongly recommend that you complete the activity. Feel free to ask or answer questions in the Code talk discussion forum.

Warm up for the assignment

Before we launch into the assignment, let's be sure that you have everything you need to get started. We'll enhance the modules from the video along the way.

Preparing

Be sure to

```
pip install peewee
```

first. Also, be sure that

```
sqlite3 -version
```

returns the sqlite3 version number, indicating it is installed. It should be, as it's bundled with Python 3. If you are using Windows and you get an error revisit the lesson content for instructions on how to install sqlite.

Consult the lesson 3 activity directory in the course [repo](#).

Make sure everything runs before proceeding to the next step.

Let's add a department

We have details of Persons. We have details of Jobs. Now we need to track in which Department a Person held a Job. For a Department, we need to know its department number, which is 4 characters long and starts with a letter. We need to know the department name (30 characters), and the name of the department manager (30 characters). We also need to know the duration in days that the job was held. Think about this last one carefully.

Make the necessary changes, annotating the code with log statements to explain what's going on. Also, draw a diagram to help think through how you will incorporate Department into the programs.

Finally, produce a list using pretty print that shows all of the departments a person worked in for every job they ever had.

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