Top of Form



Bottom of Form

Top of Form



**Python 2: Getting More Out of Python  
Lesson 10, Project 1**

Handed in: 19 Mar 2015 09:13:24PM Graded: 20 Mar 2015 03:03:03PM

**Here are your instructions:**

Populate your database with "animal" and "food" tables using the tablepop and addfood programs that you wrote during the lesson (this step will not be necessary if you have not modified the tables since you created them in the lesson).

Write a program that verifies that every animal eats at least one food.

**Your Comment:**

*no comment given*

**Items Handed In**

* [Open Project Handed In](https://students.oreillyschool.com/student/project/?/.handin/160-7900-1/com.ost.jwoloson.160.7900.1.HandlingDatabases_Homework.zip)

**Overall Comments:**

Hi Jason,

You put together a really good first draft here. There are a couple of things I'd like you to address in your second draft, however.

-When I first ran it, I got a detailed report about the animal names and the types of food. I suppose I could read the list and figure out, for instance that Leonard had one type of food. I can imagine having to read a table that might extend hundreds of pages. It would be so much better to supplement or replace this with a report that all animals have food.

-I tested it by adding a new animal, guaranteed to be hungry (I did not add any food)

cursor.execute("""INSERT INTO animal (id, name, family, weight)

VALUES (%s, %s, %s, %s)""", (1000, 'Peaches', 'Porcupine', 50))

db.commit()

... but I got no report about a hungry Porcupine.

-Actually, let me take back my assertion that I added a new hungry animal. Maybe there is already a Porcupine that already has porcupine pellets. Who can tell?

Best practice here would be to create test database tables right in your testing module. That way a reviewer, teammate, mentor etc. could easily see what was supposed to be in the database (both in terms of the database schema in the table contents). You could, for example create them in setUp() and delete them in tearDown().

This works for me, right now, because I have prior knowledge of all these things and know what to expect. But it would be unusual for a new member of your team to have that knowledge, so this imposes something of a learning curve.

Besides, for me to test this I had to add an animal. Were this a production database, I would have had to remove it. That adds up to a pretty big 'ask' of your teammates.

Overall, great job. Looking forward to your next draft.

-Pat

**Grade:**

Try Again

Your instructor would like you to work on this project. Be sure to hand in your corrections!

[Take Me Back](ostreturn:)

© 2014, O'Reilly Media, Inc. All rights reserved.

Bottom of Form