Lab: DB Modifications and transactions

Write SQL to answer the perform the following modifications to the course data.   Use the courses-ddl.sql and courses-small.sql data.

1. As a first step, foreign key constraint checking in SQLite on with the following command:

    ```
    sqlite> pragma foreign_keys = ON;
    ```

2. Add a new department 'Chemistry', with building 'Watson' and budget $125,000.

3. Add a new course, with course_id 'CS-130', title "Discrete Math", dept_name "Comp. Sci.", and credits = 3.

4. Make the new discrete math class a prereq for all other CS classes.

5. Update instructor salaries by increasing them by 3%.

6. Update physics students by adding 3 to their total credits.

7. Try to delete course BIO-101 from the course table. What happens when you do this and why?

8. Figure out what other DB modifications you need to do before you can delete BIO-101, and then delete BIO-101.