

Done

Welcome Ziwei Zhang from Using Databases with Python

To get credit for this assignment, perform the instructions below and enter the code you get here:

Submit Query

(Hint: starts with 416)

Instructions

This application will read roster data in JSON format, parse the file, and then produce an SQLite database that contains a User, Course, and Member table and populate the tables from the data file.

You can base your solution on this code: <http://www.py4e.com/code3/roster/roster.py> - this code is incomplete as you need to modify the program to store the **role** column in the **Member** table to complete the assignment.

Each student gets their own file for the assignment. Download this file and save it as `roster_data.json`. Move the downloaded file into the same folder as your `roster.py` program.

Once you have made the necessary changes to the program and it has been run successfully reading the above JSON data, run the following SQL command:

```
SELECT hex(User.name || Course.title || Member.role) AS X FROM
  User JOIN Member JOIN Course
  ON User.id = Member.user_id AND Member.course_id = Course.id
ORDER BY X
```

Find the **first** row in the resulting record set and enter the long string that looks like **53656C696E613333**.