

Homework Assignment 5

Due Date: Monday, March 8, 2021 at 11:59 pm

Total Points: 15 pts

The purpose of this assignment to give you the opportunity to practice and apply the knowledge gained from today's class to solve real problems. This ultimately will allow you to learn how to work with SQLite studio and to query a relational database! 😊

Please follow the instructions below to complete your assignment task:

1. Make sure you already have both SQLite3 and SQLite studio installed on your computer. If not, please refer to today's lecture slide and follow the instructions in url link on slide 4 to download and install the software.
 - a. Download the **chinook.sqlite** database file in week 5 lecture module on canvas and add the database on to the SQLiteStudio. From the SQLite studio, write an SQLite query that creates a new table with the name 'students' to be added to the existing tables on the chinook database. The new table 'students' should have the following attributes: StudID, FirstName, LastName , Major, and Year.
 - b. Write a query to populate the table 'students' created in (a) above with records of 5 students. **NB:** Use random values to populate the table.
 - c. Write a query to display records of employees (including EmployeeId, FirstName, LastName, and Title) from employee table whose employment title is "Sales Support Agent.
 - d. Write a query to insert a new column called 'salary' to the employees' table. The query should insert random salary values for all employees on the table. (Hint: think Alter statement)
 - e. Write a query to display the records of albums (including AlbumId and Title only) whose ArtistIds are 2, 27, and 82
 - f. Copy query solutions for each of sections (a) to (e) into a separate textfile and save it as lastname_dbSQL. Also, make screenshots of the result of each query solution for sections (a) to (e). Submit both the lastname_dbSQL and the screenshots as a zipped folder.