**Lab Assignment 9 - Other SQL Operations**

## **Instructions**

1. Answer the below question in the boxes.
2. Please submit the assignment through TalentLabs Learning System.

## **Open the Movies database**

Follow the step illustrated in Chapter 3 to open the Movies database using DB Browser for SQLite. You should see 5 tables in the database.



**Query Exercises**

1. Write a SQL query to create a table “actors” which has two columns - movie\_id, person\_id

Expected Output: a new table with two columns - movie\_id and person\_id

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| --- |
| CREATE TABLE actors (  movie\_id INTEGER,  person\_id INTEGER  ) |

1. Write a SQL query to insert the movie\_id of “Titanic” and person\_id of “Leonardo DiCaprio” into the “actors” table, in one row.

Expected Output: A new record in the “actors” table

Hint: You may want to look up the movie\_id of “Titanic” and person\_id of “Leonardo DiCaprio” first.

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| --- |
| INSERT INTO actors  (movie\_id, person\_id)  VALUES  (120338, 138) |

1. Write a SQL query to update the record input on exercise 2 into the movie\_id of the movie “Celebrity”

Expected Output: The record in the “actors” table being updated to the movie\_id of “Celebrity”

Hint: You may want to look up the movie\_id of “Celebrity” first

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| UPDATE actors  SET movie\_id = 120533 |

1. Write a SQL query to change the table name of “actors” into “movie\_actors”

Expected Output: The name of the “actors” table is being to updated to “movie\_actors”

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| ALTER TABLE actors  RENAME TO movie\_actors |

1. Write a SQL query to delete the “actors” table on the movie database. (Be careful not to delete the wrong table, or you will need to download the movie database once again.)

Output: A series of SQL query composed with DROP operation

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| DROP TABLE movie\_actors |

**- End of Assignment -**