

Name: \_\_\_\_\_

## Lesson 5: Joins and Unions

For Joins problems Use this tutorial if needed :

[https://www.w3schools.com/sql/sql\\_join.asp](https://www.w3schools.com/sql/sql_join.asp)

1. Join the film to the film\_actor table.

Select \* from film inner join film \_ actor on film. film\_id = film\_actor. film\_id;

Select \* from film left join film \_ actor on film. film\_id = film\_actor. film\_id;

2. Join the actor table to the film\_actor table.

Select \* from actor inner join film\_actor. on actor. actor\_id = film\_actor . actor\_id;

Select \* from actor left join film\_actor on actor. actor\_id = film\_actor . actor\_id;

3. Try to join the actor, film\_actor, and film table together (3 joins!)

Select first-name, last-name, last-update from actor  
join film\_actor on actor-id  
join film on film\_id = film\_actor. film\_id;

4. Using the following Link

[https://github.com/niteen11/cuny\\_lagcc\\_micro\\_credential\\_data\\_analytics/tree/main/Track  
%20A/Unit%205%20-%20SQL %20Relational%20Databases/guided%20exercise](https://github.com/niteen11/cuny_lagcc_micro_credential_data_analytics/tree/main/Track%20A/Unit%205%20-%20SQL%20Relational%20Databases/guided%20exercise)

And attached data set (Student\_data and Student\_marks ) answer the following questions :

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students

with the

highest

marks in

Select max (unity) from student\_marks

## Unit 4

-- Find students scored between 89 and 100 unit4

Open ended questions:

-- Take a closer look at the tables that you created and come up with 10 different scenarios/ questions and form SQL

-- Ask your colleagues