**MySQL FOUNDATION PROJECT**

1. Write a SQL query to count the number of characters except for the spaces for each actor. Return the first 10 actors' name lengths along with their names.
2. List all Oscar awardees (Actors who received the Oscar award) with their full names and the length of their names.
3. Find the actors who have acted in the film ‘Frost Head.’
4. Pull all the films acted by the actor ‘Will Wilson.’
5. Pull all the films which were rented and return them in the month of May.
6. Pull all the films with ‘Comedy’ category.

**1)**

**SELECT first\_name,last\_name, LENGTH(first\_name),length(last\_name)**

**FROM actor limit 10;**



2)

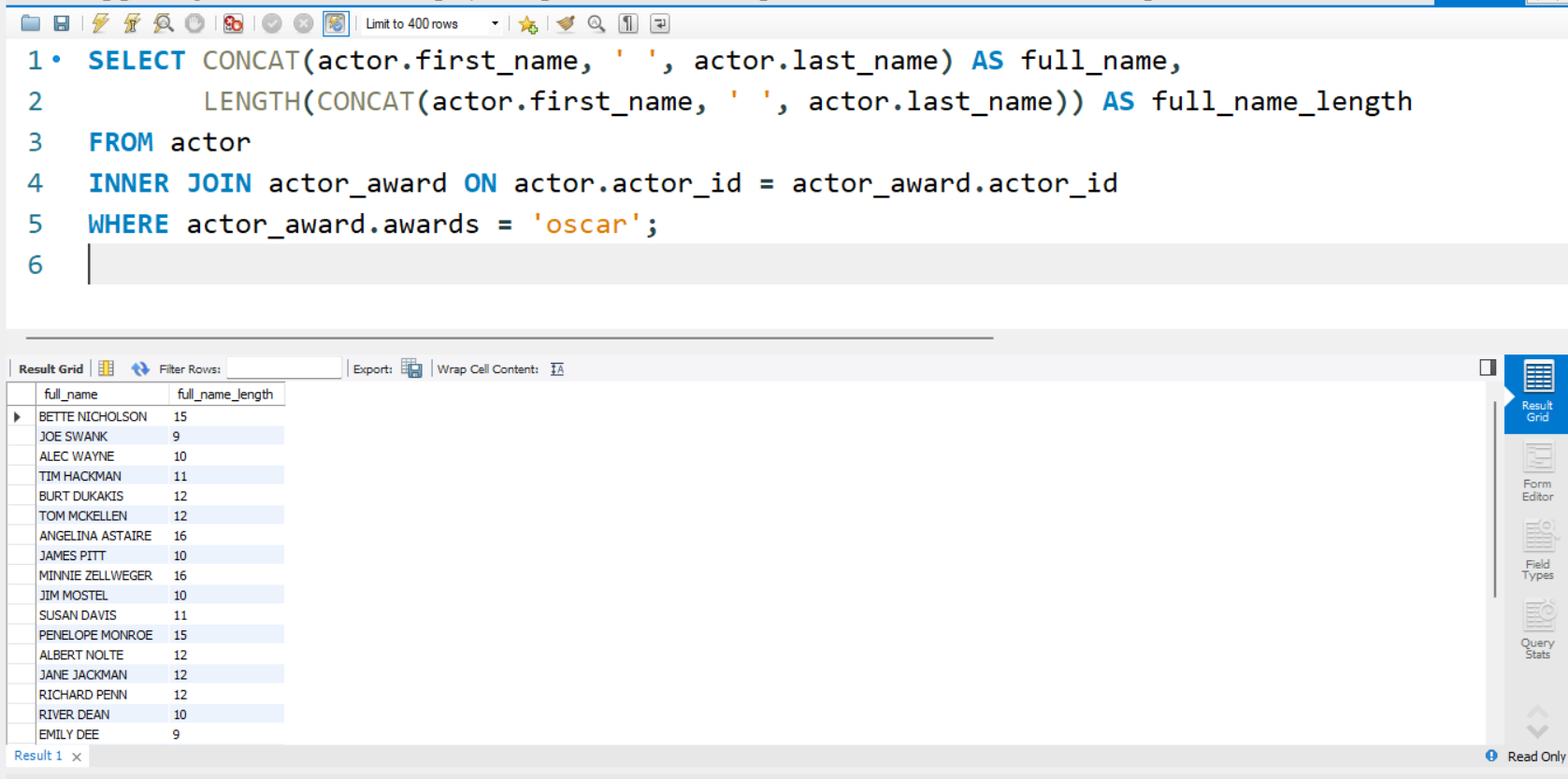
SELECT CONCAT(actor.first\_name, ' ', actor.last\_name) AS full\_name,

LENGTH(CONCAT(actor.first\_name, ' ', actor.last\_name)) AS full\_name\_length

FROM actor

INNER JOIN actor\_award ON actor.actor\_id = actor\_award.actor\_id

WHERE actor\_award.awards = 'oscar';



3)

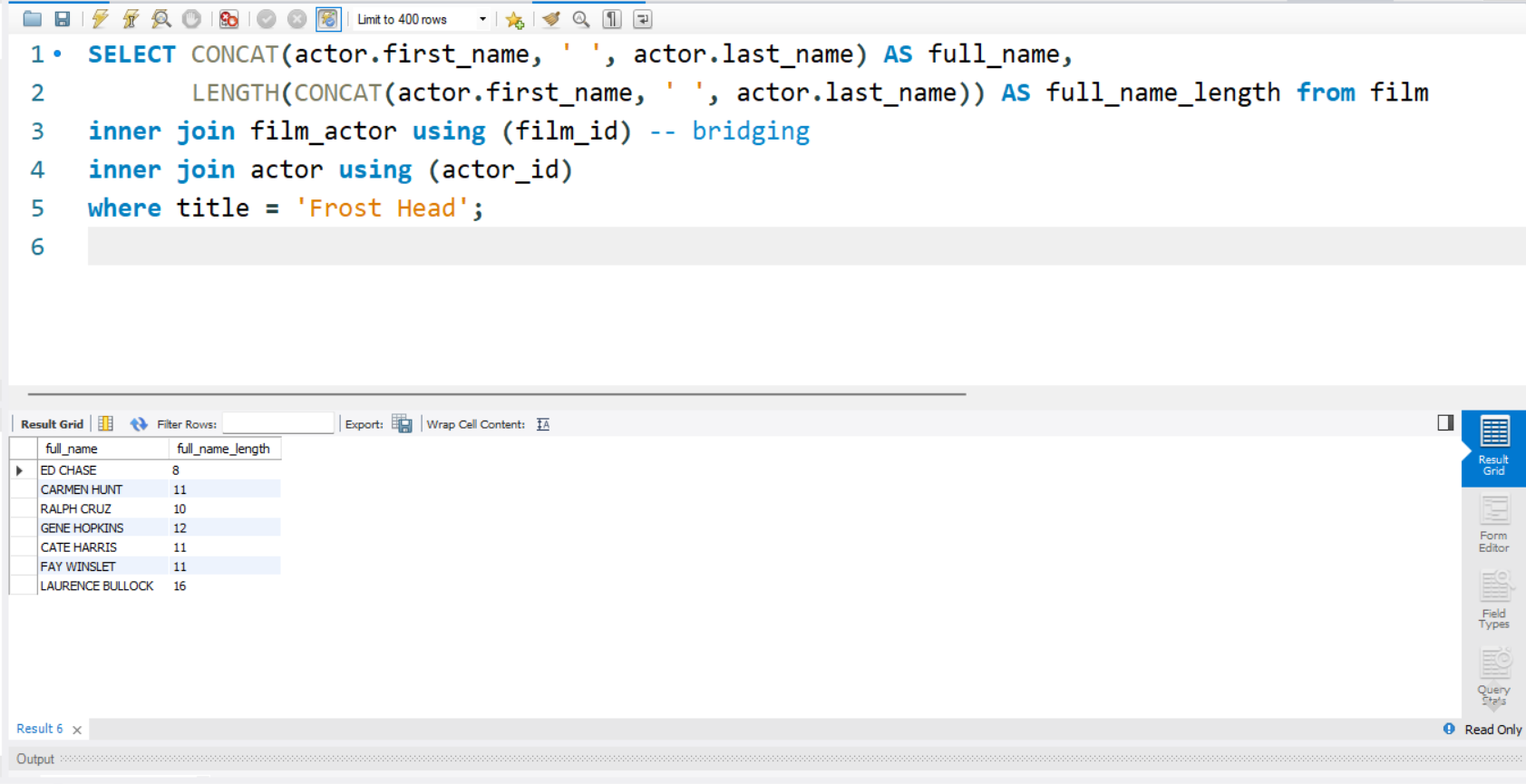
SELECT CONCAT(actor.first\_name, ' ', actor.last\_name) AS full\_name,

LENGTH(CONCAT(actor.first\_name, ' ', actor.last\_name)) AS full\_name\_length from film

inner join film\_actor using (film\_id) -- bridging

inner join actor using (actor\_id)

where title = 'Frost Head';



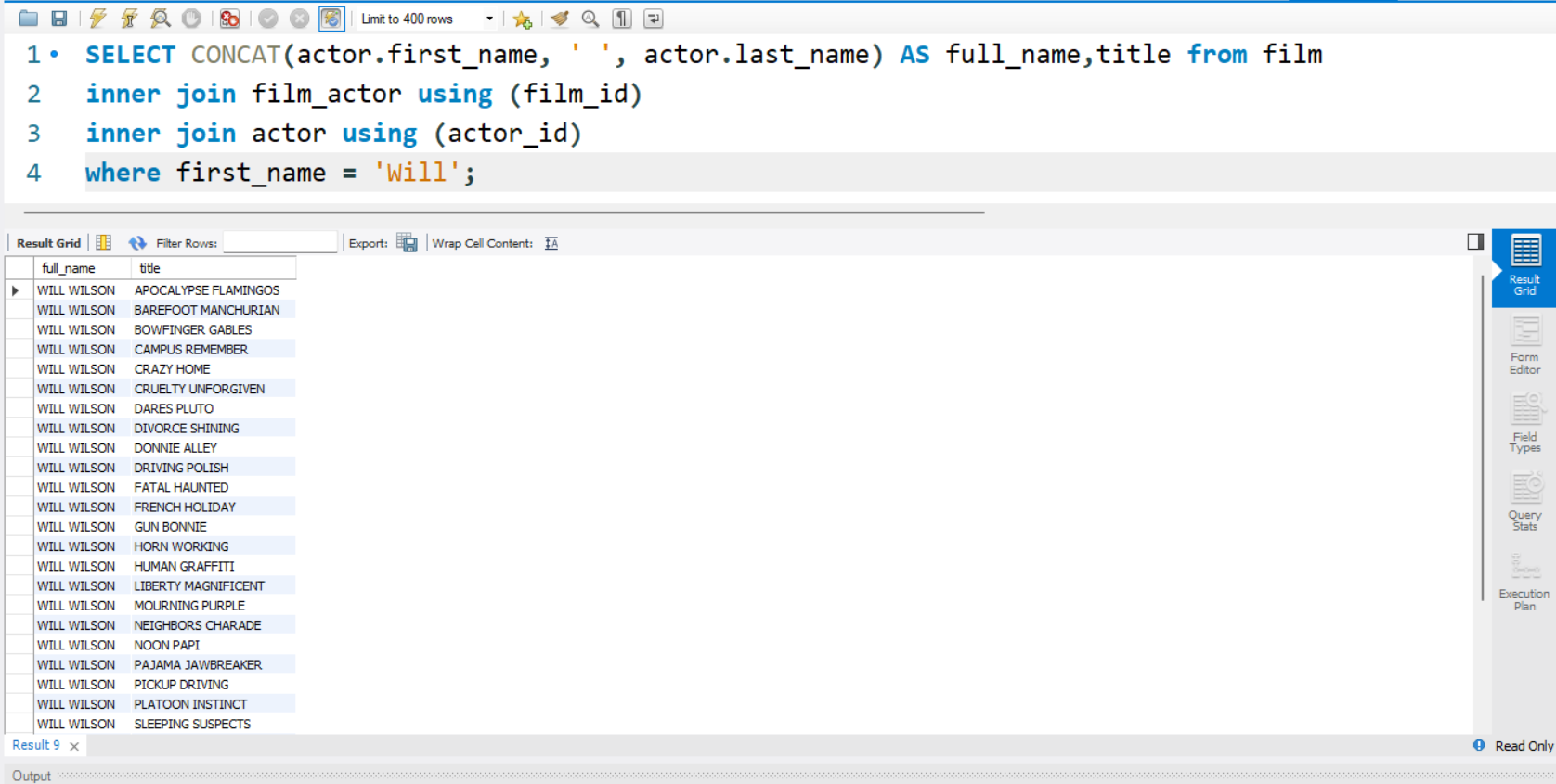
4)

SELECT CONCAT(actor.first\_name, ' ', actor.last\_name) AS full\_name,title from film

inner join film\_actor using (film\_id)

inner join actor using (actor\_id)

where first\_name = 'Will'



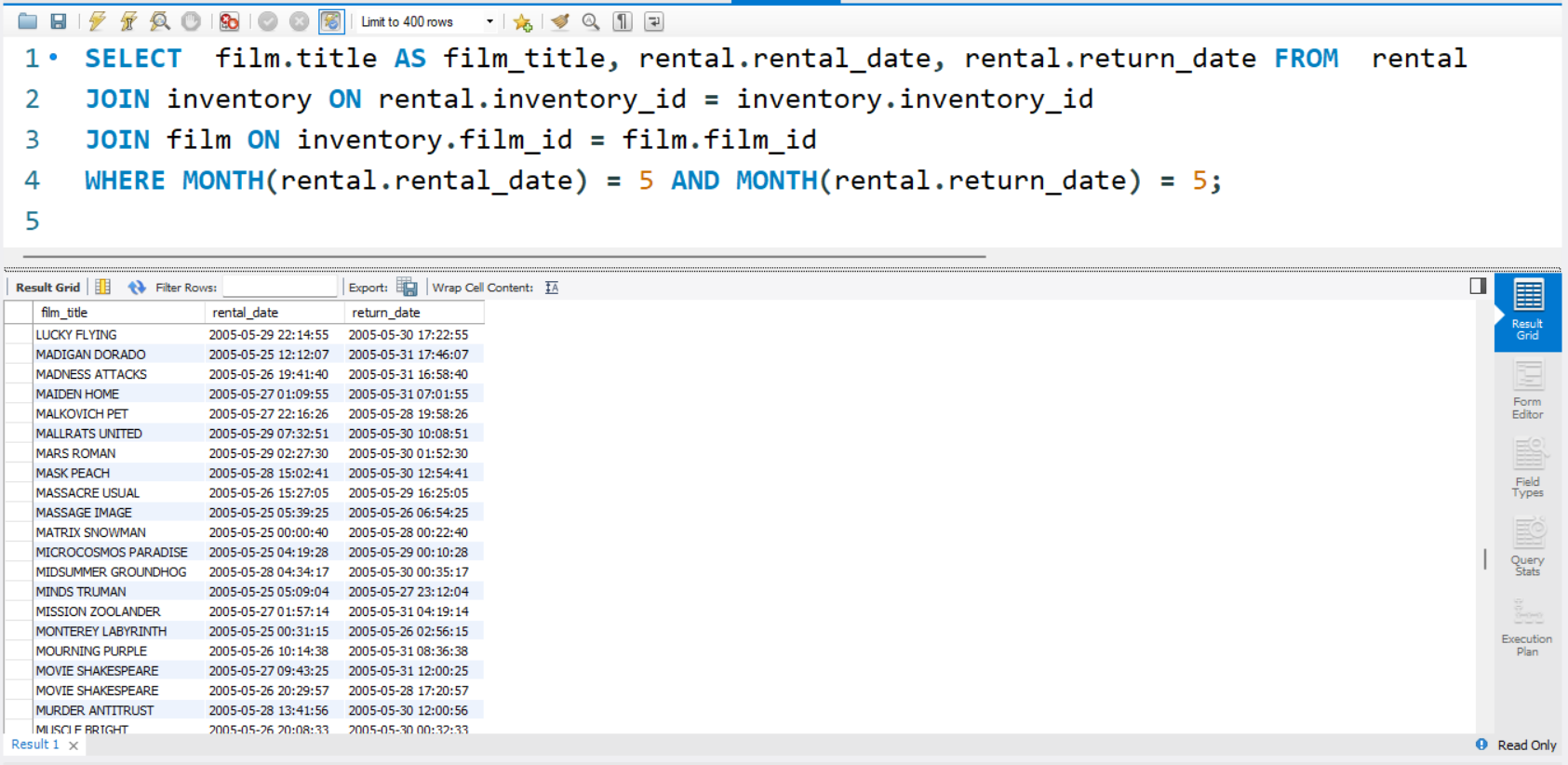
5)

SELECT film.title AS film\_title, rental.rental\_date, rental.return\_date FROM rental

JOIN inventory ON rental.inventory\_id = inventory.inventory\_id

JOIN film ON inventory.film\_id = film.film\_id

WHERE MONTH(rental.rental\_date) = 5 AND MONTH(rental.return\_date) = 5;

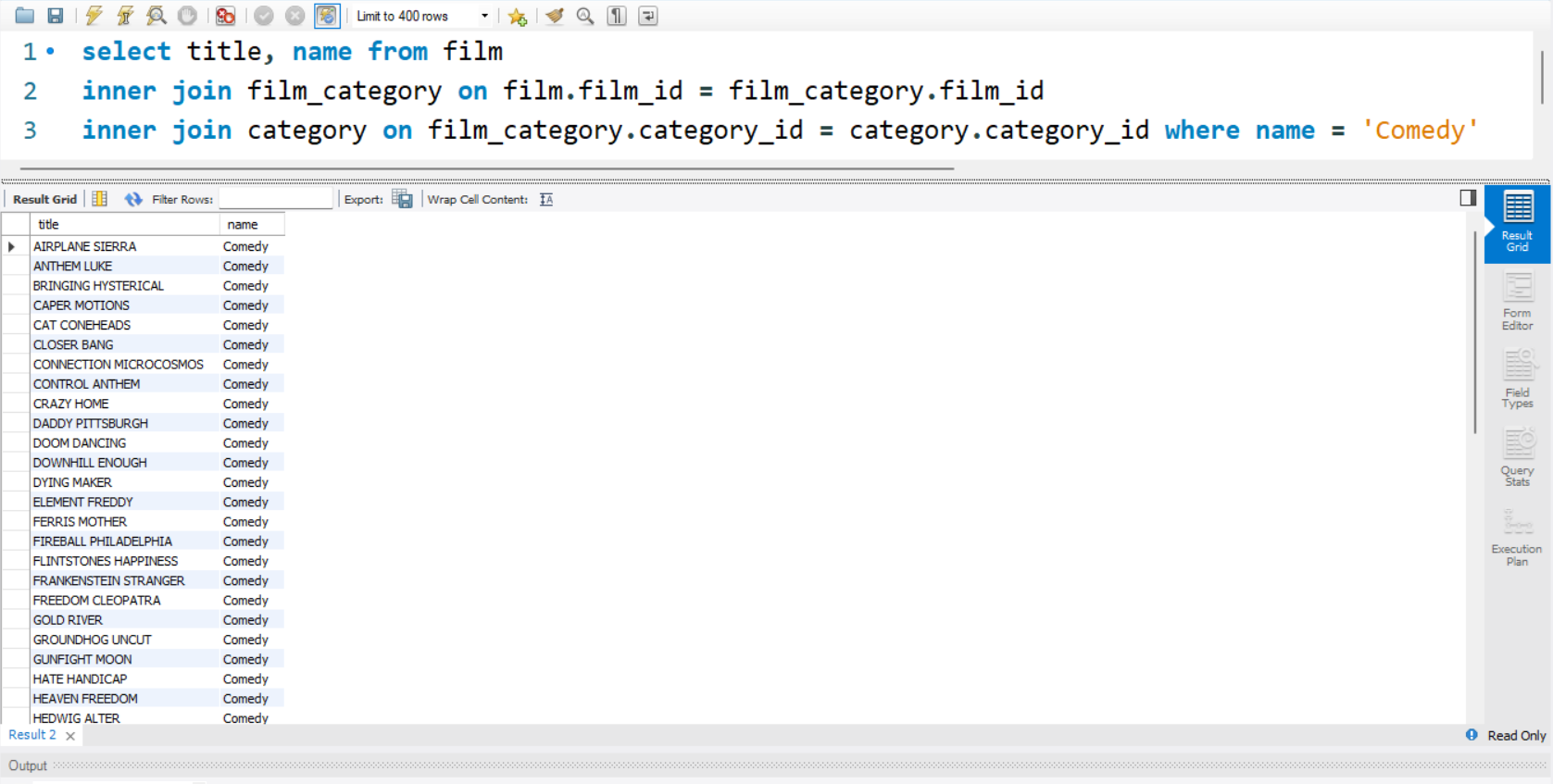


6)

select title, name from film

inner join film\_category on film.film\_id = film\_category.film\_id

inner join category on film\_category.category\_id = category.category\_id where name = 'Comedy'



Data source : -

