1. Write a query to get all data of actor.

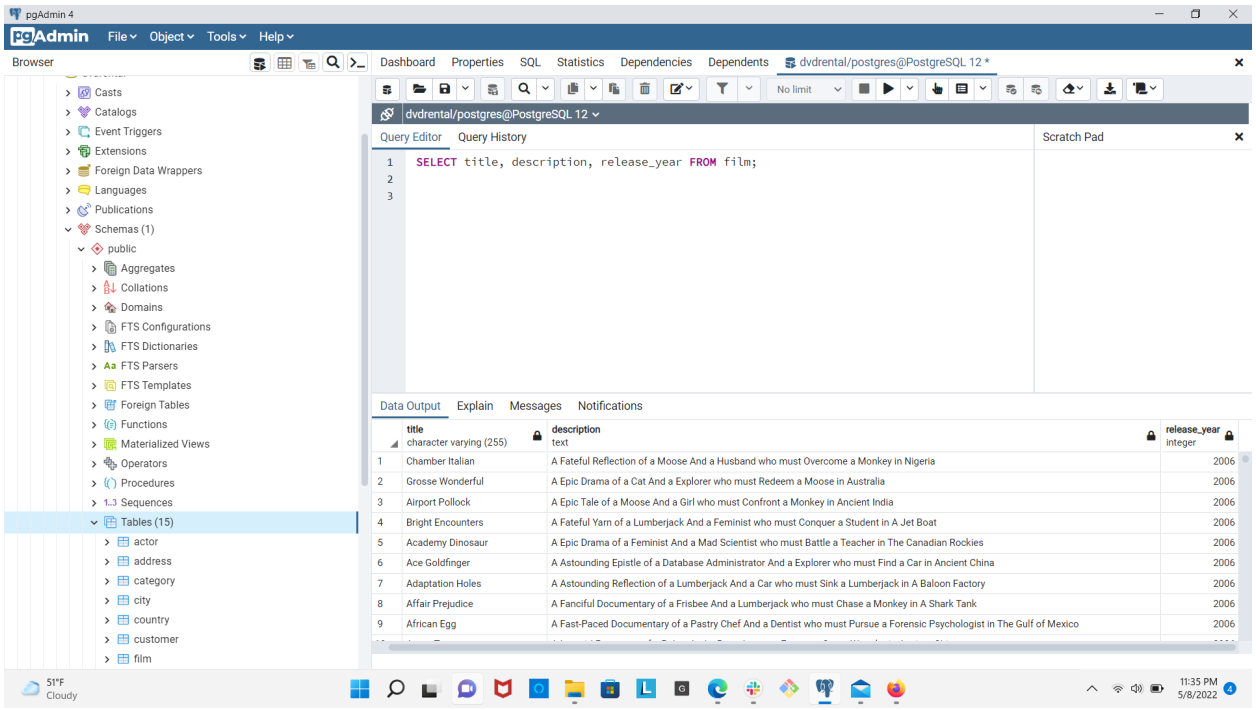
ANS. SELECT * FROM actor; [Displayed 200 rows]

2. Write a query to get email and last name of customer.

ANS.SELECT last_name, email FROM customer; [Displayed 599 rows]

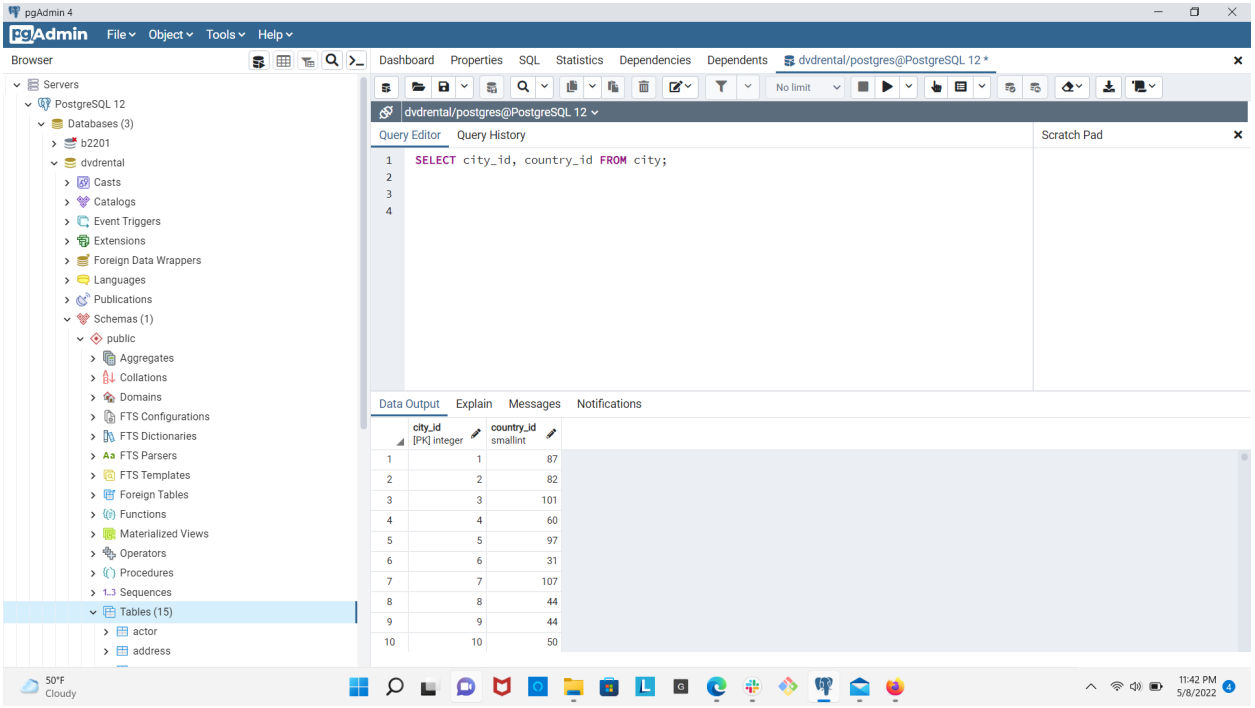
3. Write a query to get title, description and release year of film.

ANS.



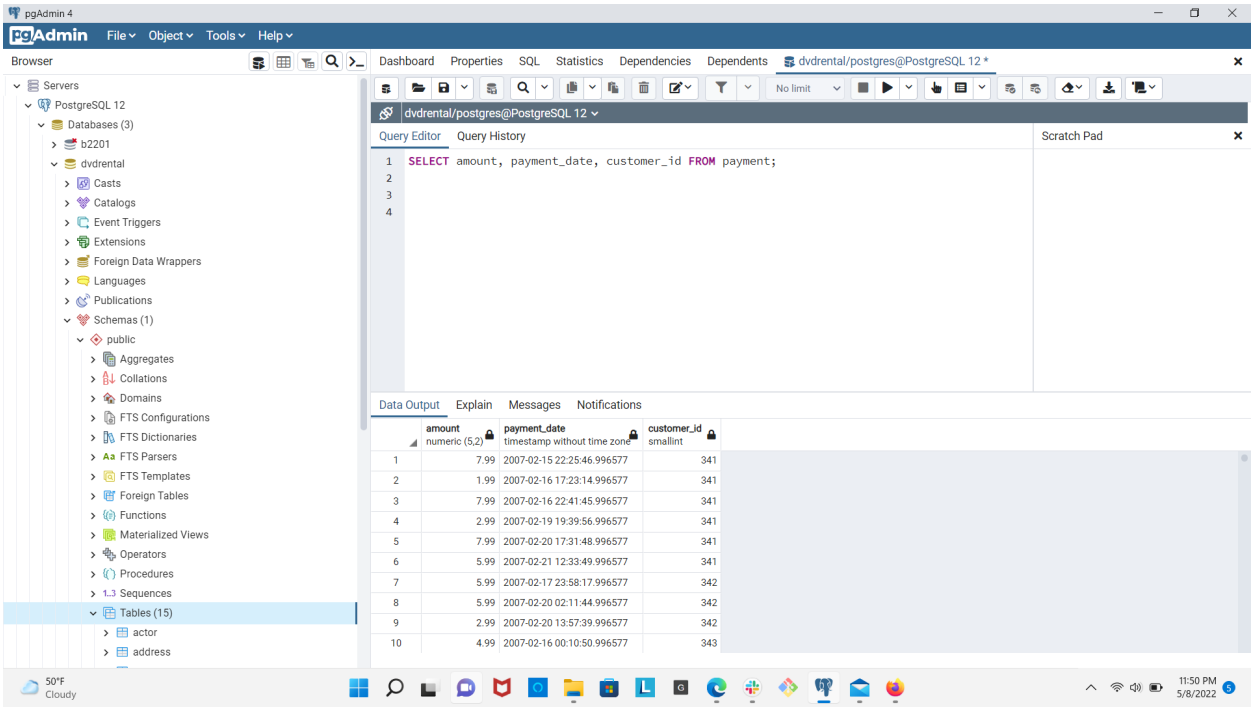
4. Query city and country id in the city table.

ANS.SELECT city_id, country_id FROM city;



5. Write a query to get amount, payment date and customer id from customer table.

ANS.SELECT amount, payment_date, customer_id FROM payment;



6. Write a query to get all data of language.

ANS.SELECT * FROM language;

1	"English	"	"2006-02-15 10:02:19"
2	"Italian	"	"2006-02-15 10:02:19"
3	"Japanese	"	"2006-02-15 10:02:19"
4	"Mandarin	"	"2006-02-15 10:02:19"
5	"French	"	"2006-02-15 10:02:19"
6	"German	"	"2006-02-15 10:02:19"

7. Query all columns for a payment in payment table with customer id 10.

ANS.SELECT payment FROM payment WHERE customer_id=10;

PAYMENT

"(18532,10,1,1801,4.99,""2007-02-16 18:50:19.996577"")"
"(18533,10,1,1995,4.99,""2007-02-17 09:39:40.996577"")"
"(18534,10,2,2222,3.99,""2007-02-18 01:54:49.996577"")"
"(18535,10,1,2814,0.99,""2007-02-19 18:30:25.996577"")"
"(18536,10,1,2865,0.99,""2007-02-19 22:29:21.996577"")"
"(22773,10,2,10671,8.99,""2007-03-01 15:38:25.996577"")"
"(22774,10,2,11289,2.99,""2007-03-02 13:23:26.996577"")"
"(22775,10,1,11405,0.99,""2007-03-02 17:42:05.996577"")"
"(22776,10,2,12031,2.99,""2007-03-17 18:40:01.996577"")"
"(22777,10,2,12400,2.99,""2007-03-18 07:47:38.996577"")"
"(22778,10,2,13316,4.99,""2007-03-19 17:51:56.996577"")"
"(22779,10,2,13917,2.99,""2007-03-20 15:11:54.996577"")"
"(22780,10,1,15370,5.99,""2007-03-22 20:27:55.996577"")"
"(29094,10,2,3790,3.99,""2007-04-06 12:42:11.996577"")"
"(29095,10,2,4042,4.99,""2007-04-07 01:35:06.996577"")"
"(29096,10,1,4255,1.99,""2007-04-07 12:42:39.996577"")"
"(29097,10,1,5038,7.99,""2007-04-09 01:41:18.996577"")"
"(29098,10,2,5068,2.99,""2007-04-09 03:21:44.996577"")"
"(29099,10,1,5444,0.99,""2007-04-09 20:27:23.996577"")"
"(29100,10,1,5905,2.99,""2007-04-10 19:09:35.996577"")"
"(29101,10,1,7738,2.99,""2007-04-28 03:50:08.996577"")"
"(29102,10,2,8001,6.99,""2007-04-28 13:39:21.996577"")"
"(29103,10,2,8188,4.99,""2007-04-28 21:02:38.996577"")"
"(29104,10,1,9935,4.99,""2007-04-30 13:55:33.996577"")"

8. Query last name and first name of customers in customer table whose first names are "Mary"

ANS.SELECT DISTINCT last_name, first_name FROM customer WHERE first_name='Mary';
last_name | first_name
Smith | Mary

9. Query last name and first name of customers in customer table whose first names are "Mary" and last names are "Smith".

ANS.SELECT DISTINCT last_name, first_name FROM customer WHERE first_name='Mary'
AND last_name='Smith';
last_name | first_name
Smith | Mary

10. Query last name and first name of customers in customer table whose first names are "Susan" or last names are "Jones".

ANS.Displayed 0 rows!

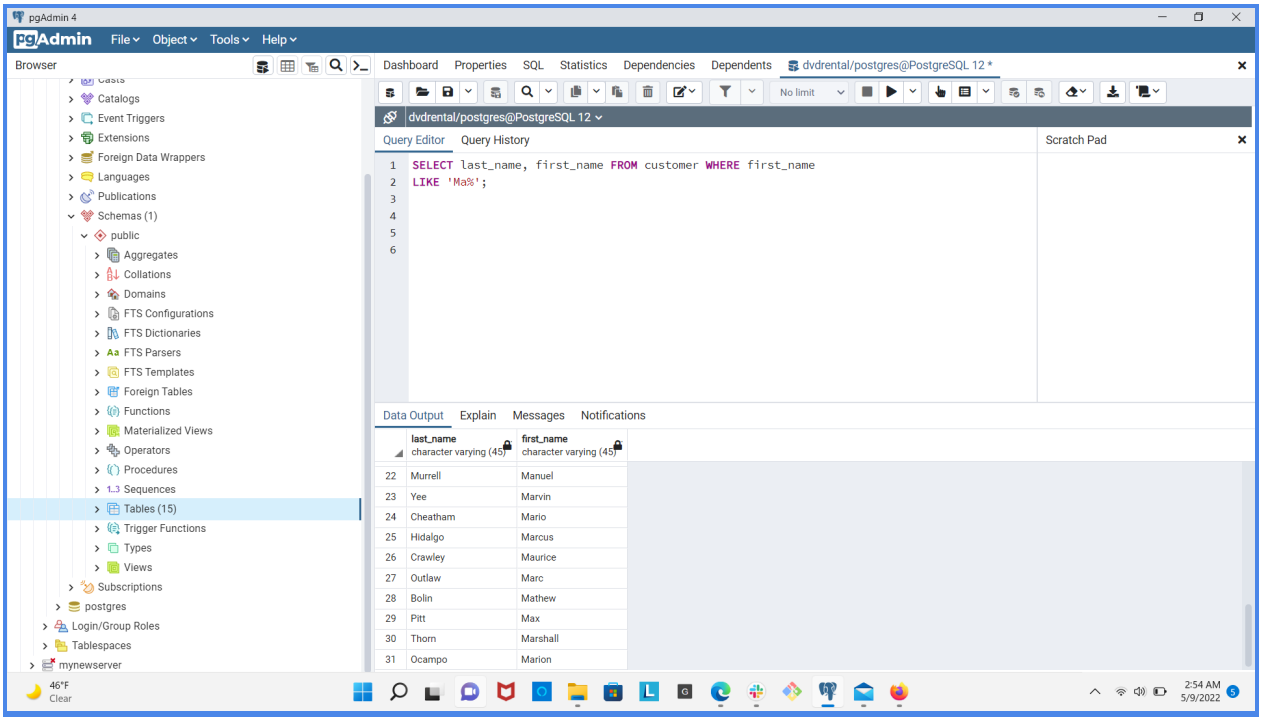
11. Query email of customers in customer table whose first name is "Mar", "Mary" or "Mari".

ANS.SELECT DISTINCT email FROM customer WHERE first_name = 'Mar' OR
first_name='Mary' OR First_name='Mari';

Email
---
mary.smith@sakilacustomer.org
(1 row)

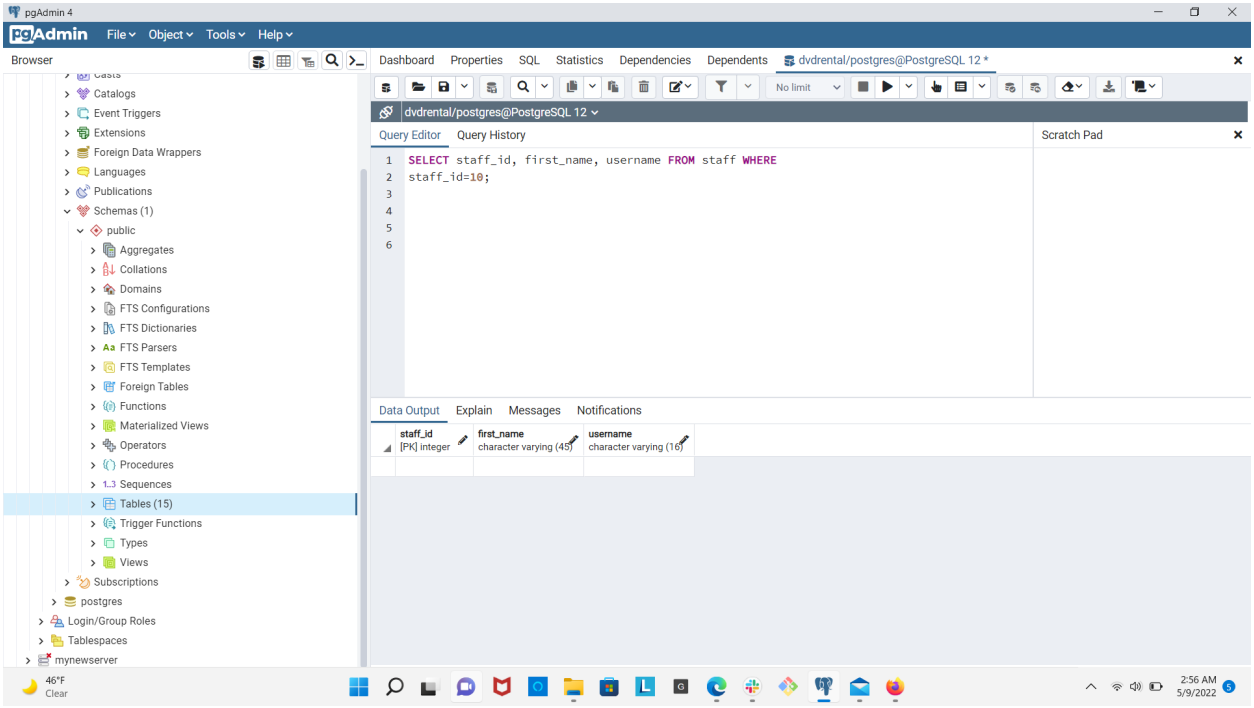
12. Query last name and first name of customers in customer table whose first names start with "Ma".

ANS.SELECT last_name, first_name FROM customer WHERE first_name like 'Ma';



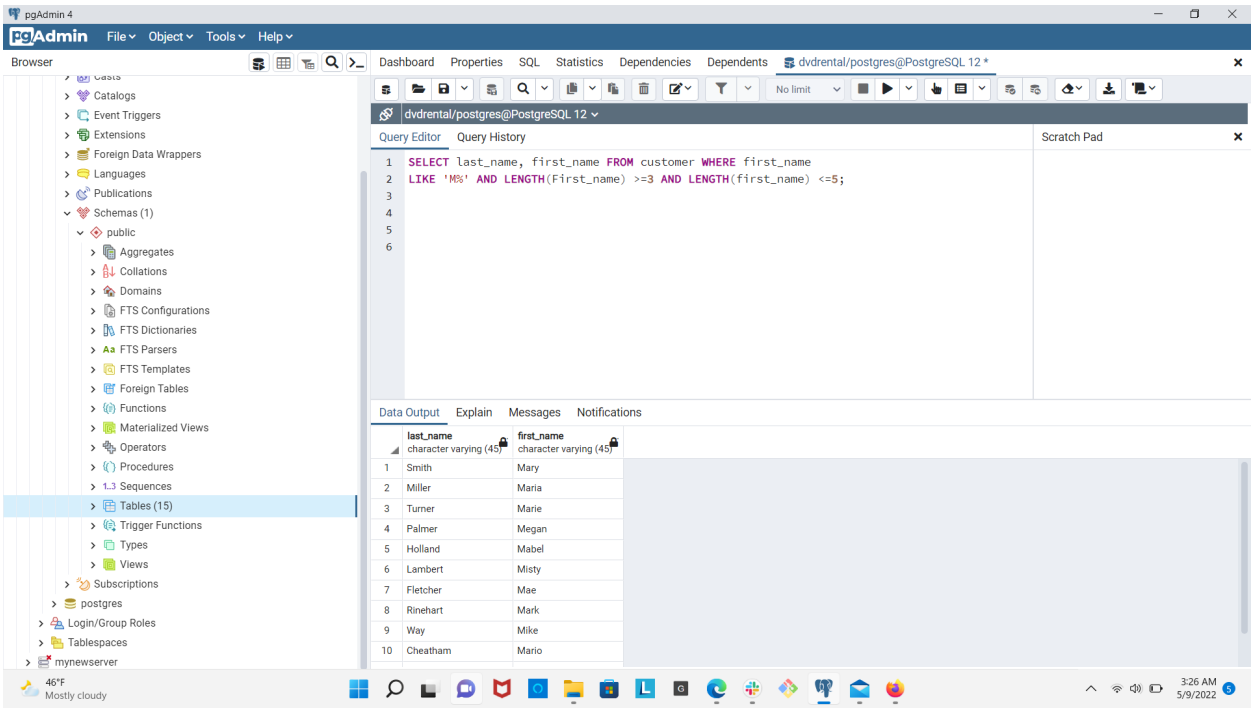
13. Write a query to get staff id, first name and username of staff in staff table whose staff id is 10.

ANS.SELECT staff_id, first_name, username FROM staff WHERE staff_id=10;



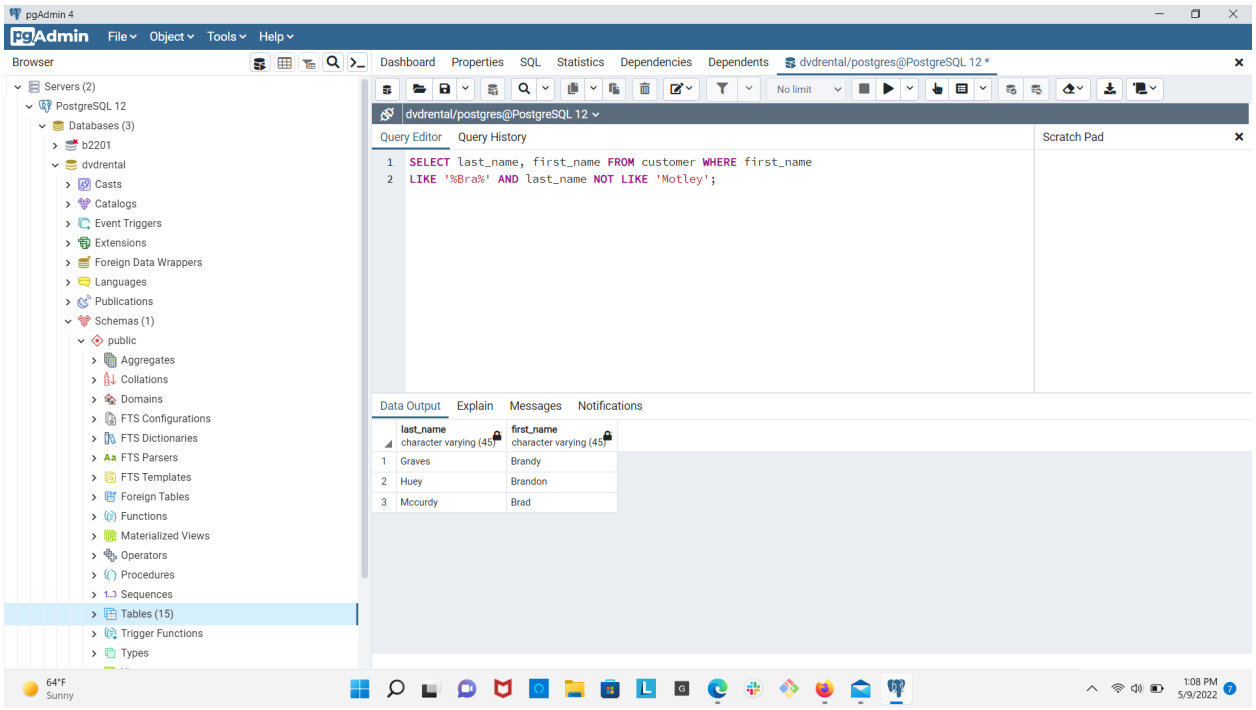
14. Query last name and first name of customers in customer table whose first name start with the letter "M" and contains 3 to 5 characters.

ANS.SELECT last_name, first_name FROM customer WHERE first_name LIKE 'M%' AND LENGTH(First_name) >=3 AND LENGTH(first_name) <=5;



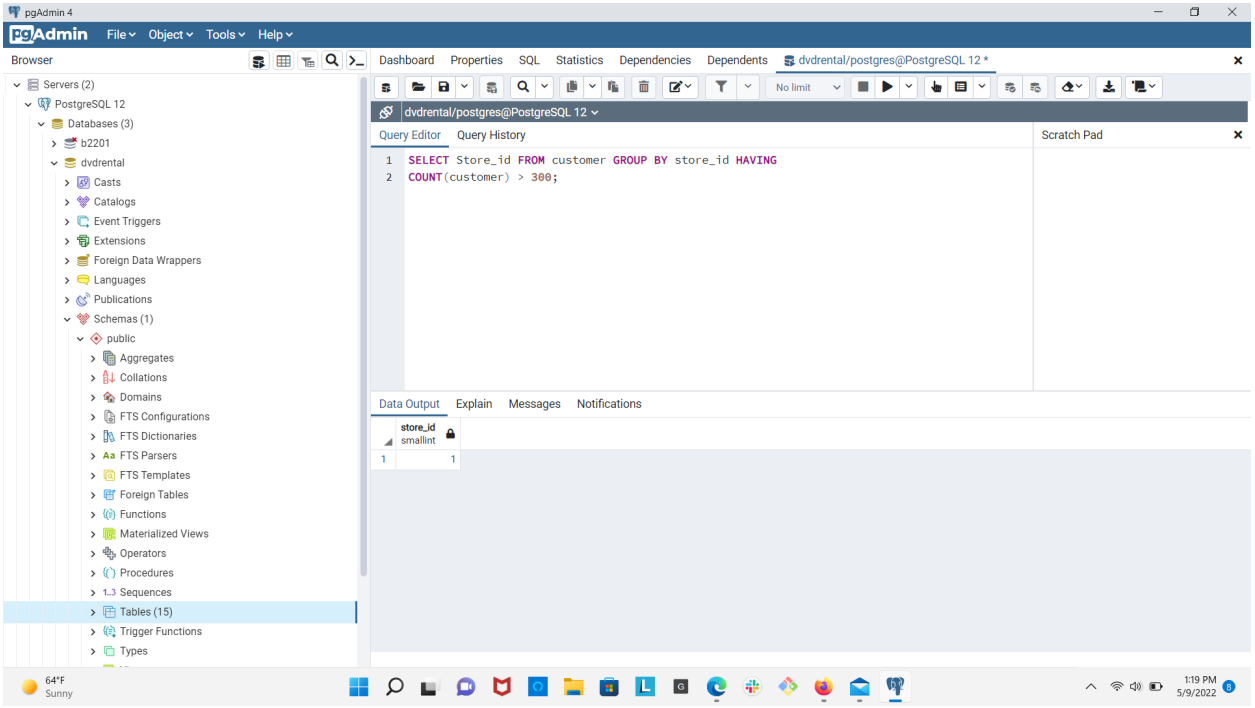
15. Query last name and first name of customers in customer table whose first names start with "Bra" and last names are not "Motley".

ANS.SELECT last_name, first_name FROM customer WHERE first_name LIKE '%Bra%' AND last_name NOT LIKE 'Motley';



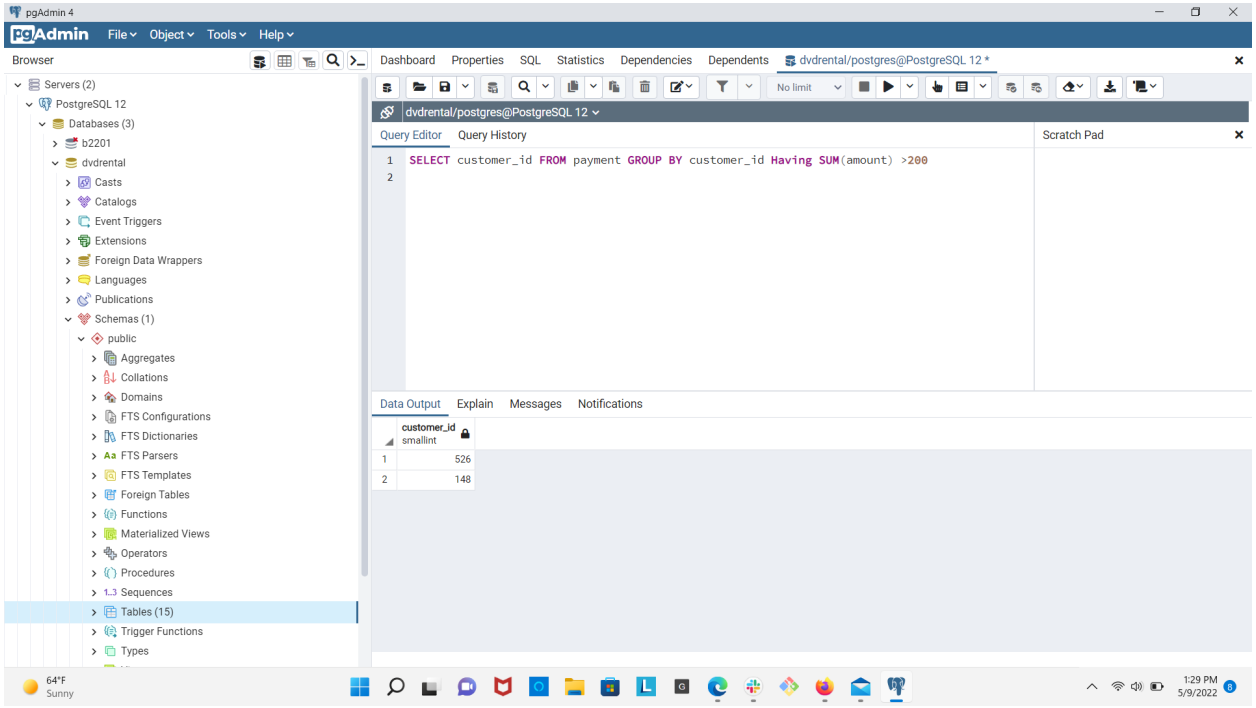
16. Query store id of stores that have more than 300 customers in customer table.

ANS.SELECT Store_id FROM customer GROUP BY store_id HAVING COUNT(customer) > 300;



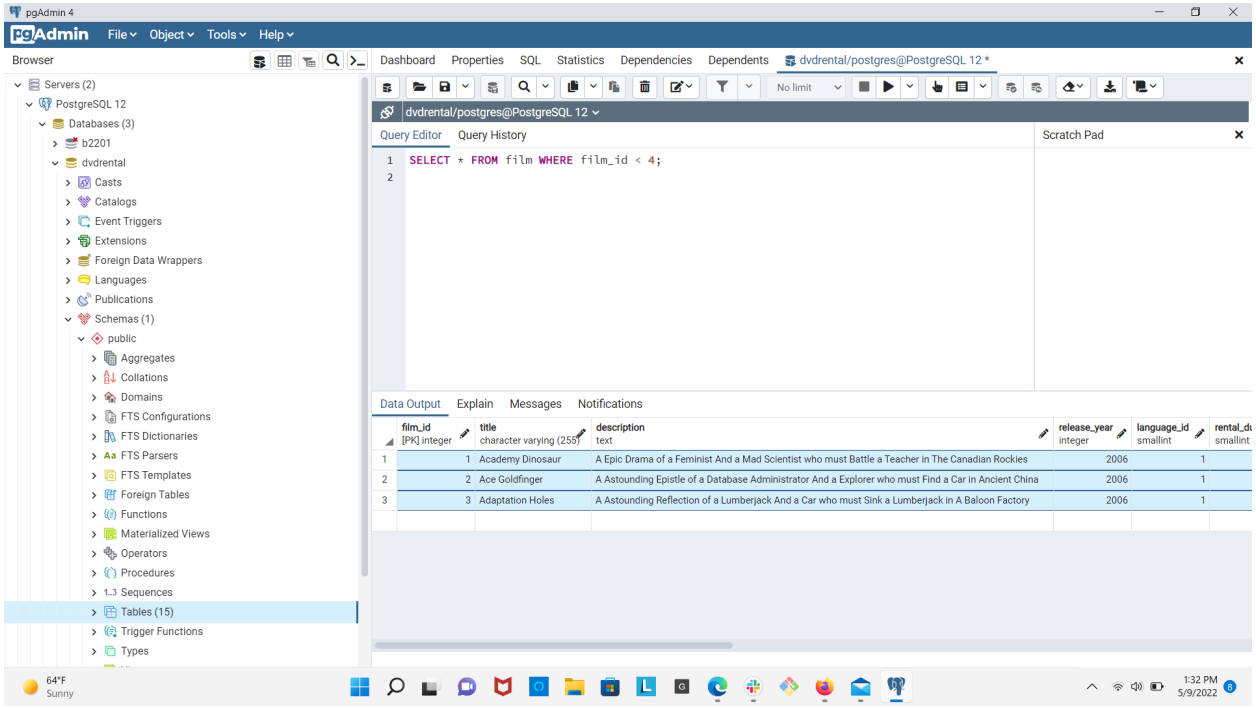
17. Write a query to select all details of the only customers who have been spending more than 200 in customer table.

ANS.SELECT customer_id FROM payment GROUP BY customer_id Having SUM(amount) >200



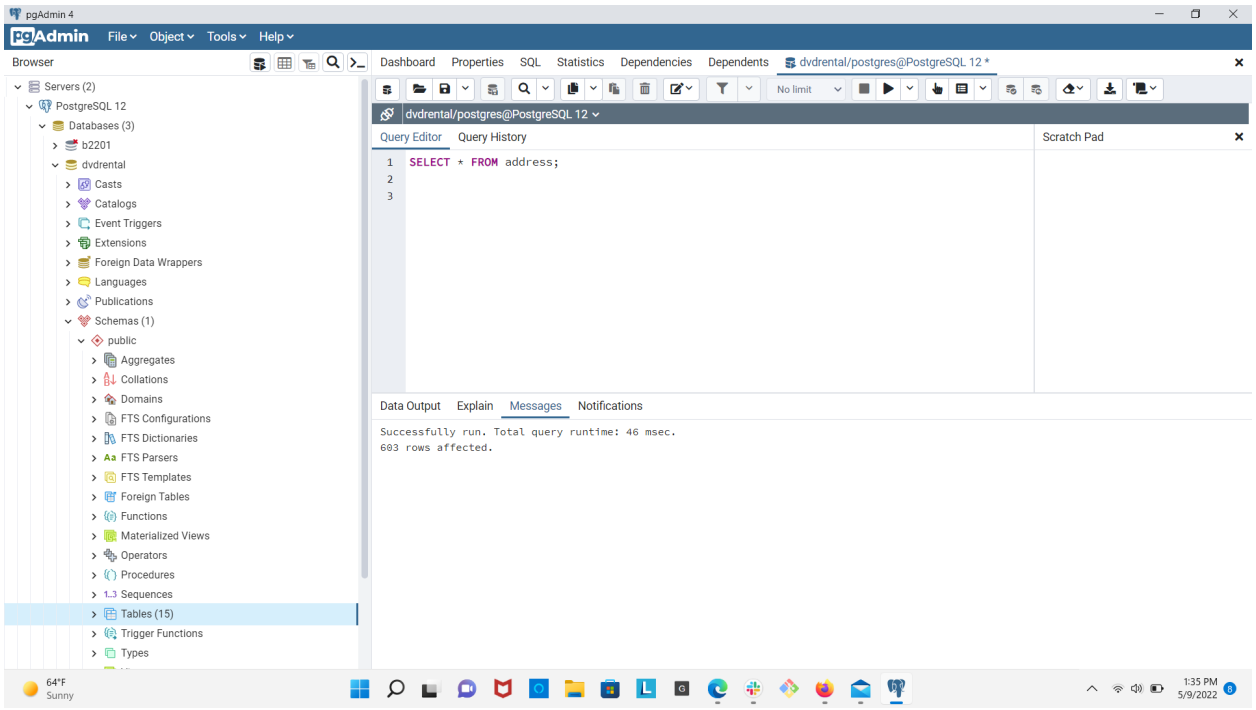
18. Query all columns in film table where the film_id is less than 4.

ANS.SELECT * FROM film WHERE film_id < 4;



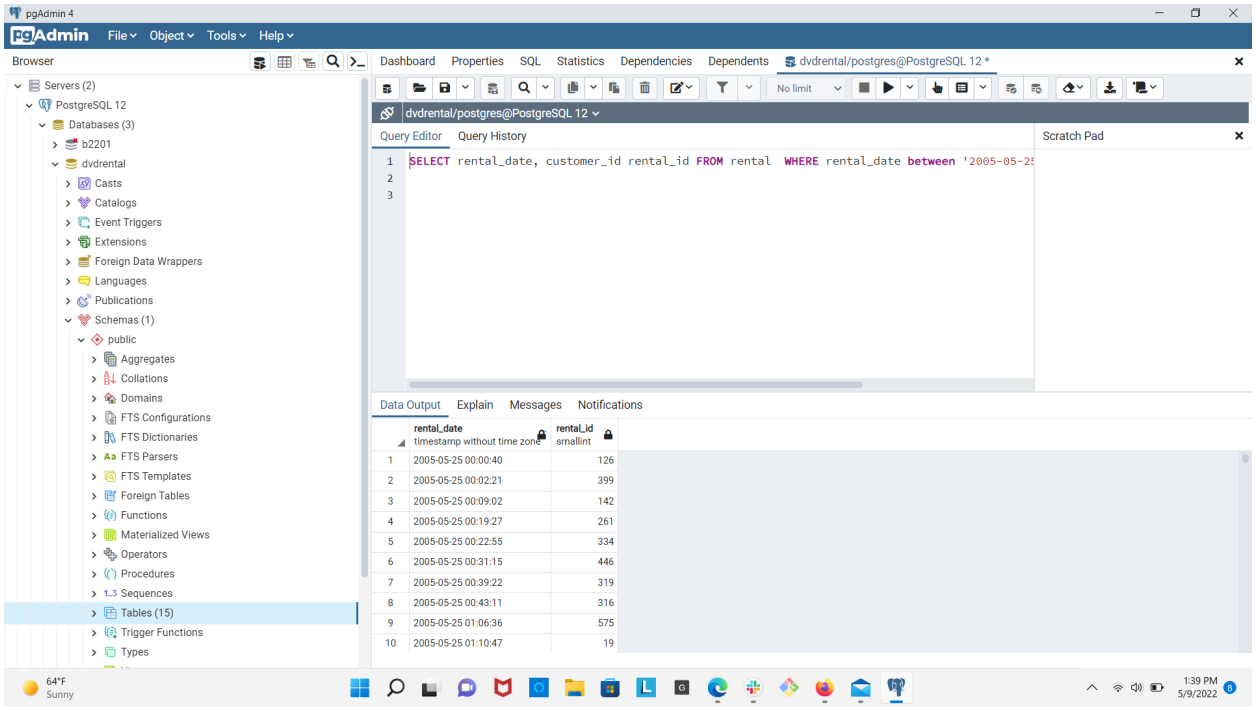
19. Write a query to get all data from address table.

ANS.SELECT * FROM address;

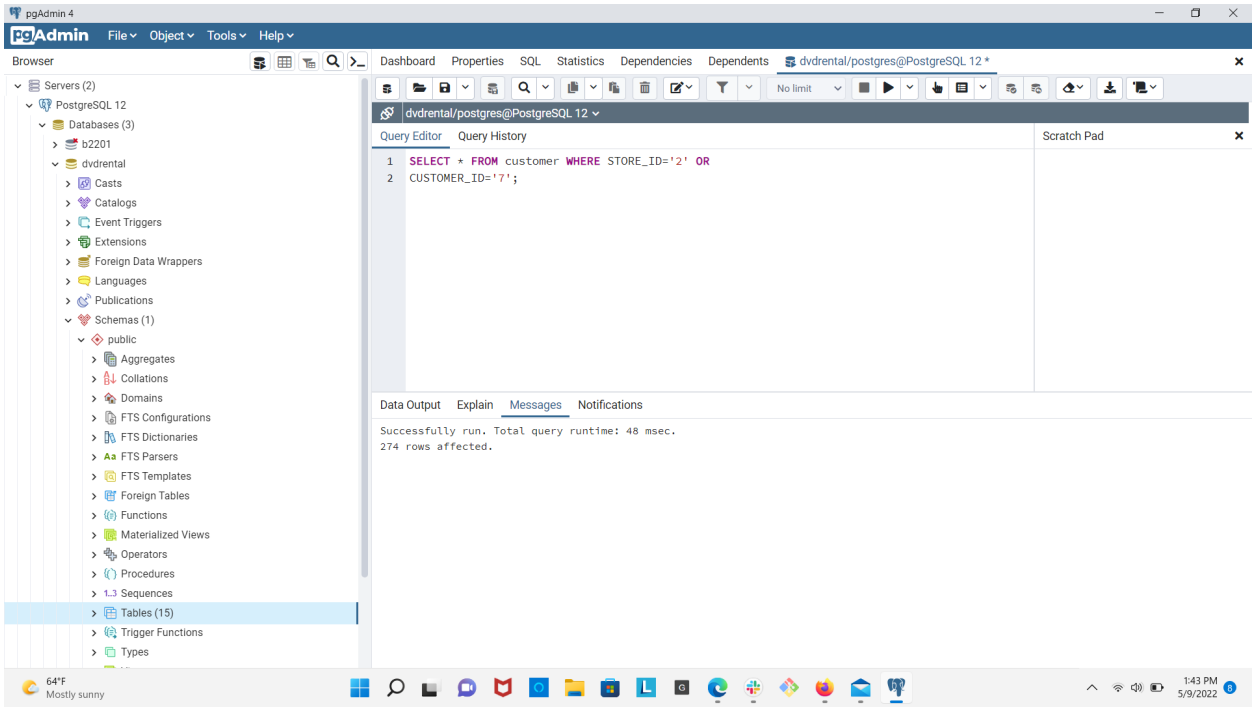


20. Query rental date, customer id and rental id in rental table when rental date is 2005-05-25.

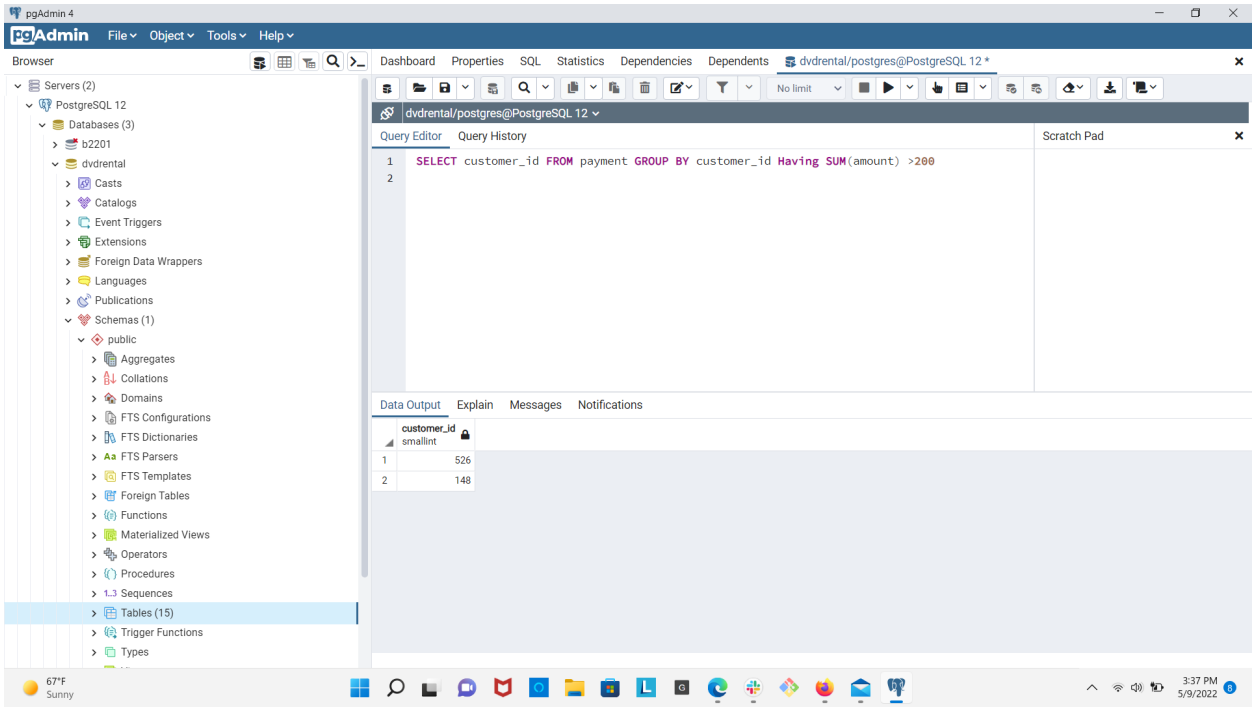
ANS.SELECT rental_date, customer_id rental_id FROM rental WHERE rental_date between '2005-05-25 00:00:00' and '2005-05-25 24:00:00'



21. Query all columns for customers in customer table with store id 2 or customer id 7.
ANS.SELECT * FROM customer WHERE STORE_ID='2' OR CUSTOMER_ID='7';

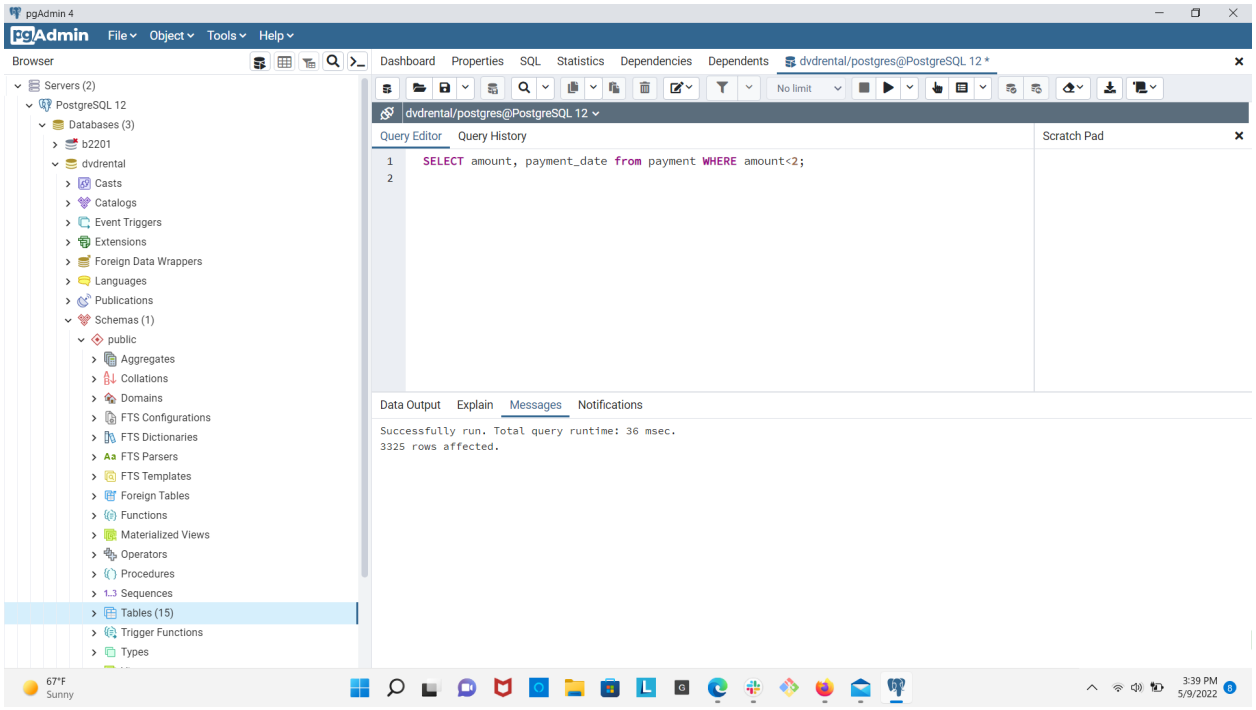


22. Query all columns for customers in customer table who have spent amount more than $200.
ANS.SELECT customer_id FROM payment GROUP BY customer_id Having SUM(amount) >200



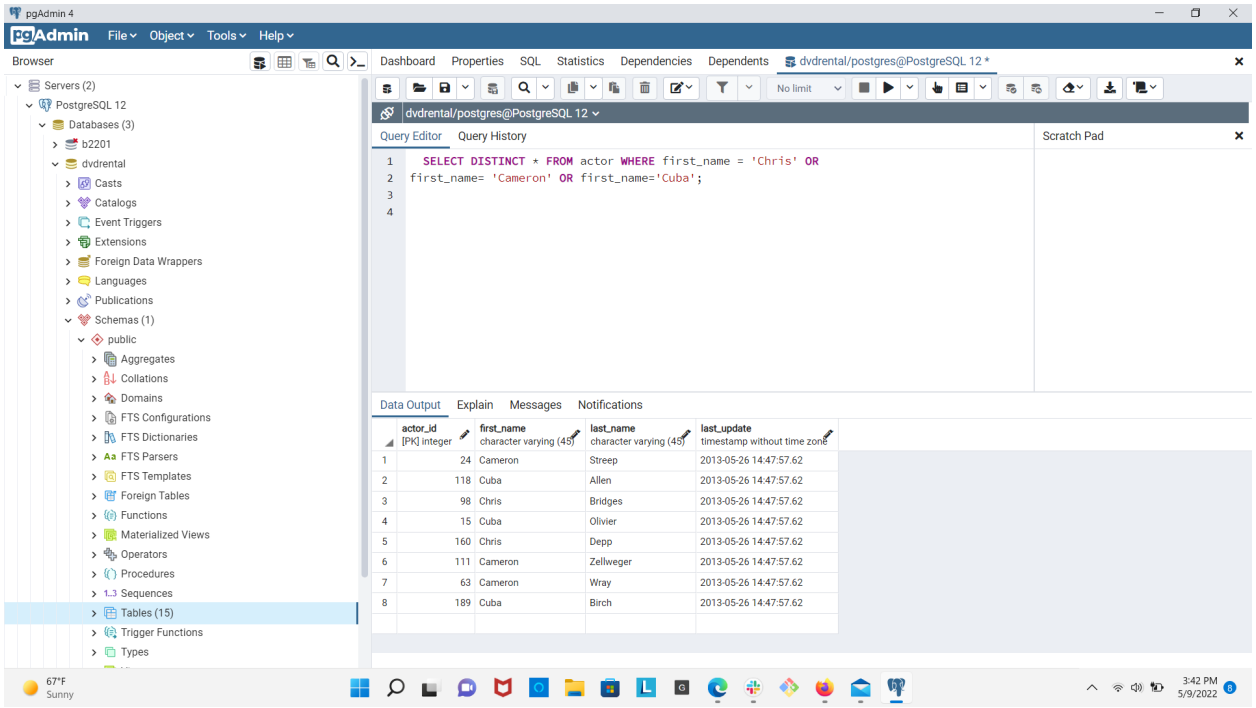
23. Query amount and payment_date from payment where the amount paid was less than $2.

ANS.SELECT amount, payment_date from payment WHERE amount<2;

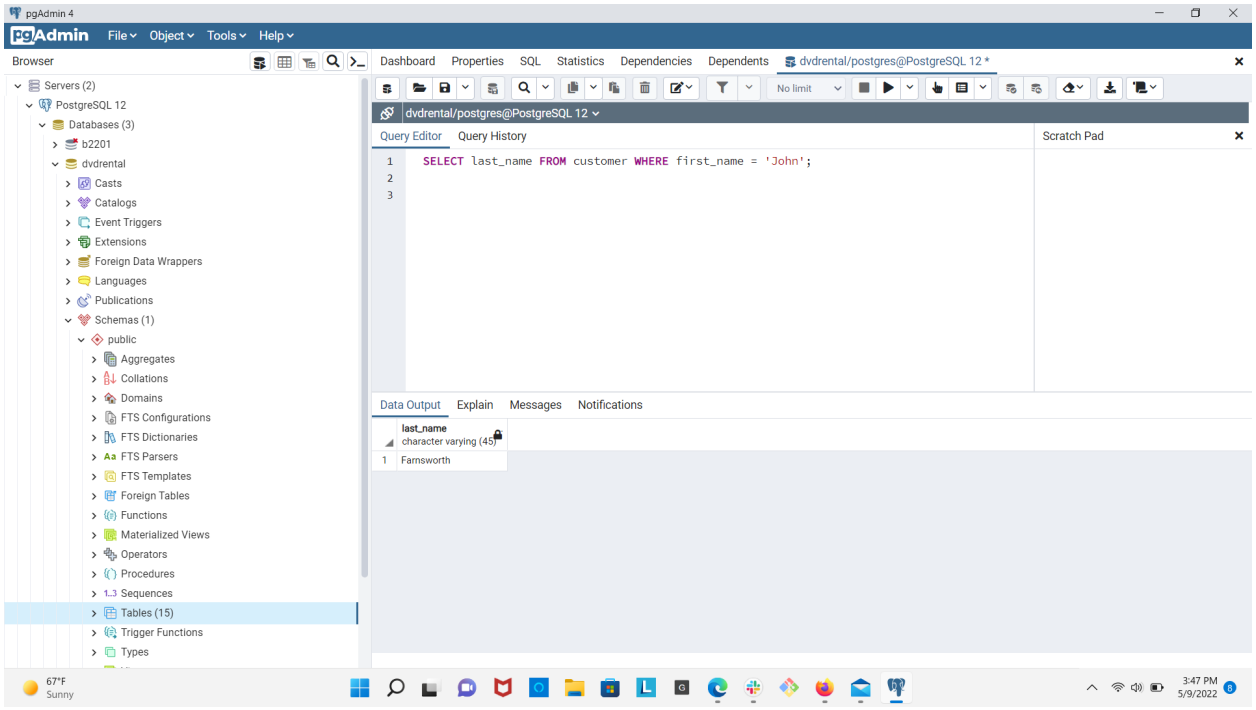


24. Write a query to get a list of actors with the first name Chris, Cameron, or Cuba.

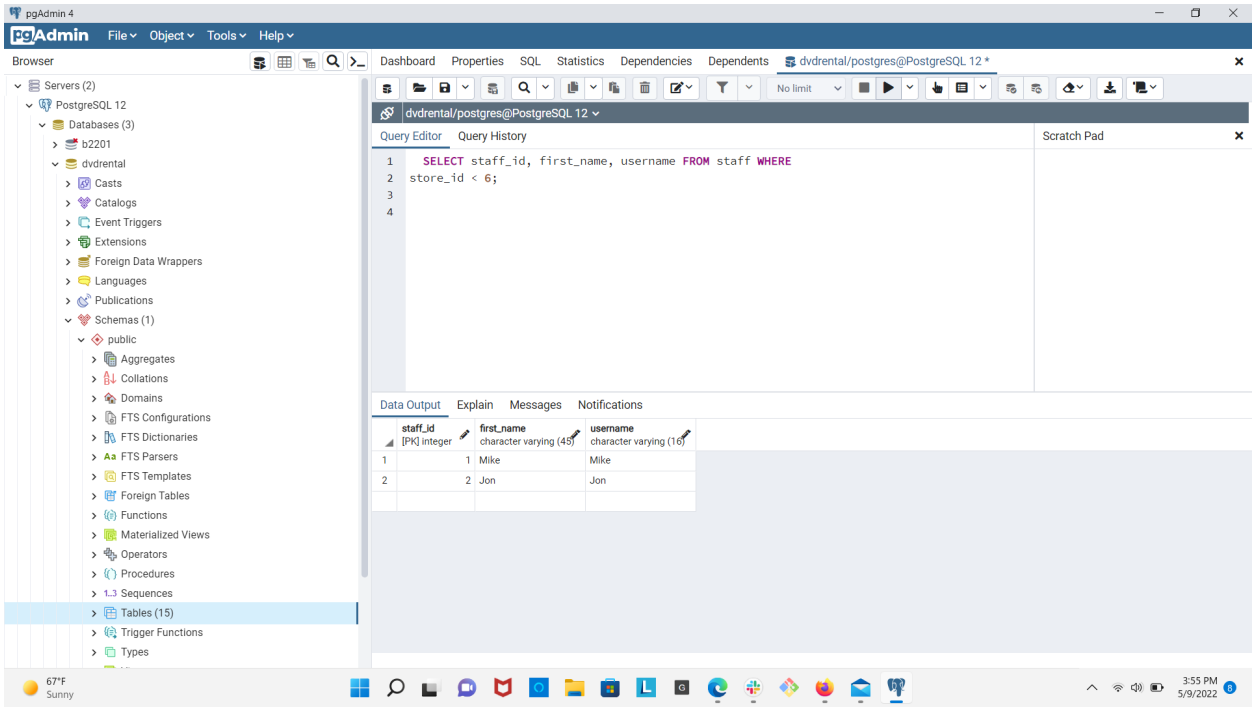
ANS.SELECT DISTINCT * FROM actor WHERE first_name = 'Chris' OR first_name= 'Cameron' OR first_name='Cuba';



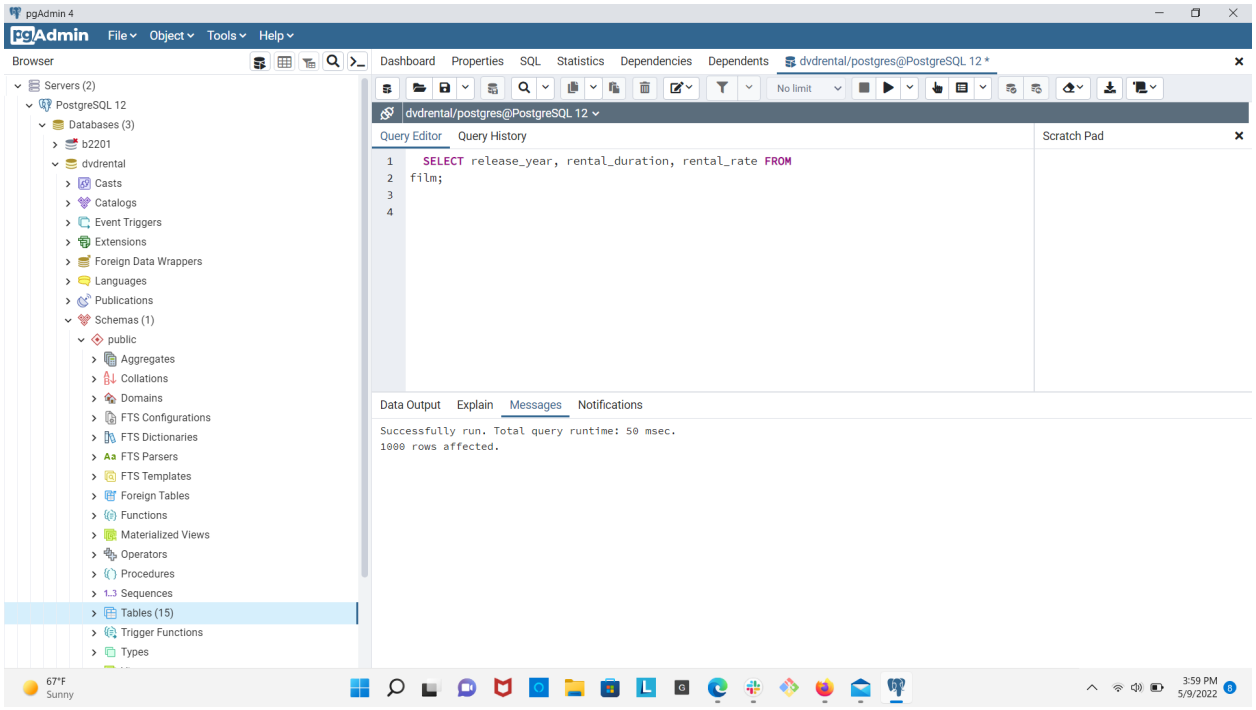
25. Query last name of customers in customer table whose first names are "John".
ANS.SELECT last_name FROM customer WHERE first_name = 'John';



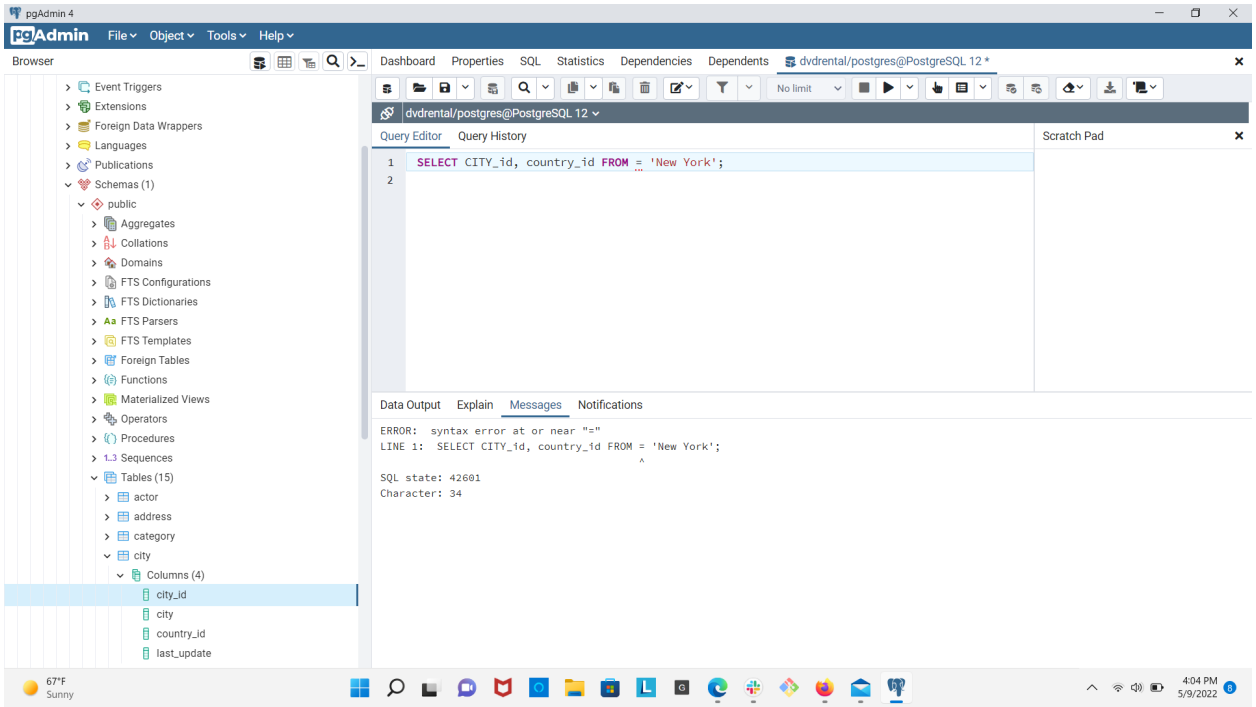
26. Write a query to get staff id, first name and username of staff in staff table whose store id is less than 6.
ANS.SELECT staff_id, first_name, username FROM staff WHERE store_id < 6;



27. Write a query to get release year, rental duration and rental rate of films in film table.
ANS. SELECT release_year, rental_duration, rental_rate FROM film;

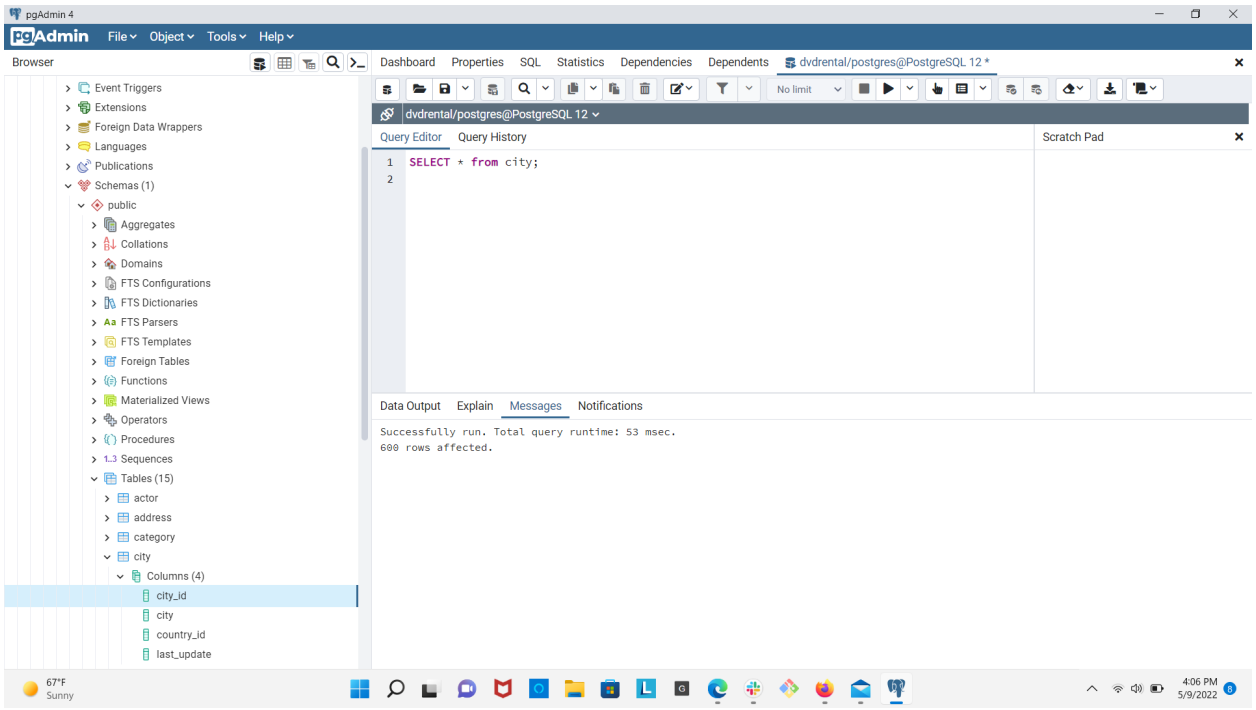


28. Write a query to get city id and country id of country in country table whose name is "New York".
ANS.



29. Write a query to get all data of city table.

ANS.SELECT * from city;



30. Write a query to get film id of film in film_category table with category_id 2.

ANS.SELECT film_id from film_category WHERE category_id=2;