**Group Members:** Himang Patel(202212005)

Laxit Shah(202212042)

**Group ID:**17

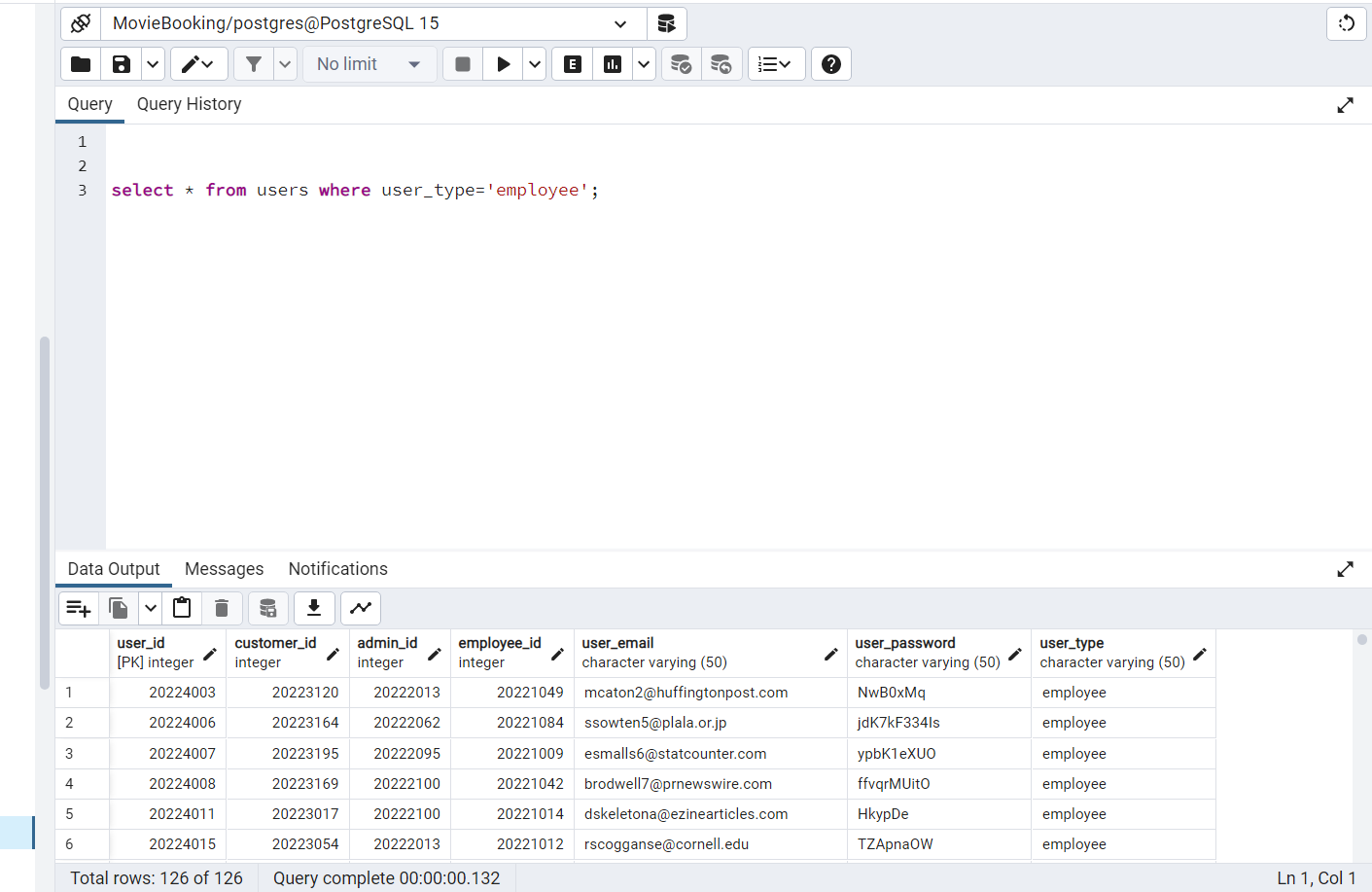
**Course:** MSc(IT)

**Subject:**Database Management System

**1>show user table whose user\_type is employee**

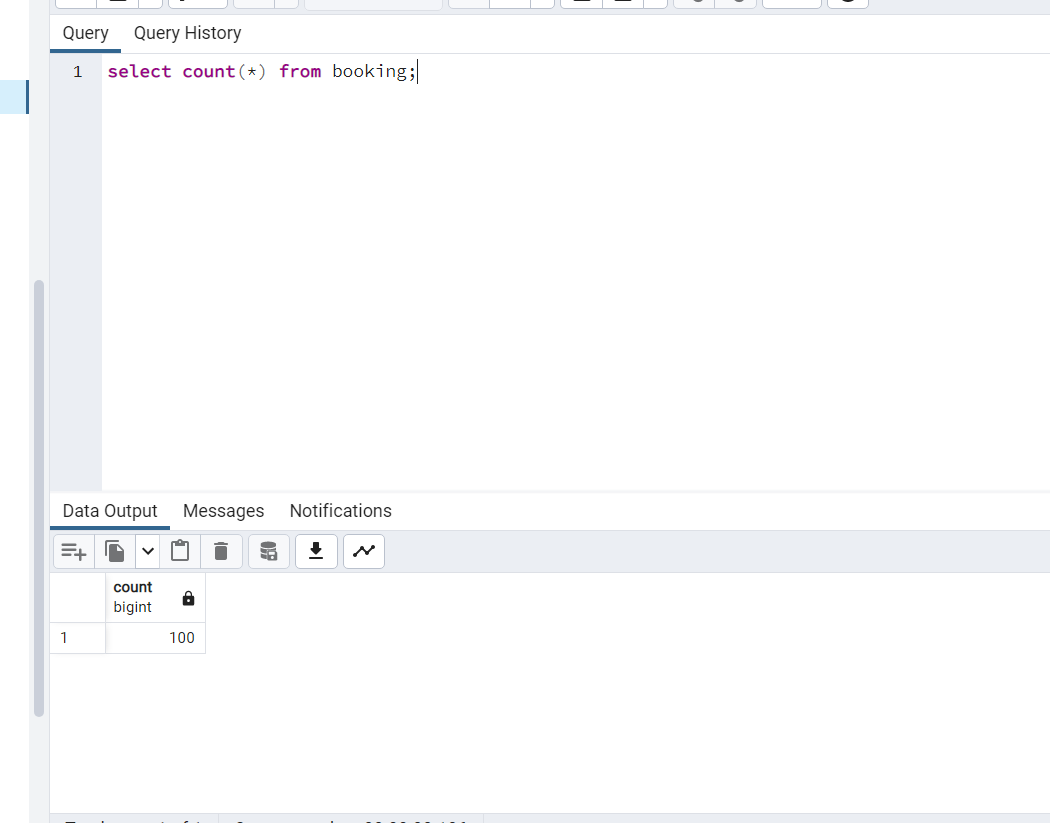
select \* from users where user\_type='employee';

**Output:**

****

**2>Count all The booking Numbers.**

select count(\*) from booking;

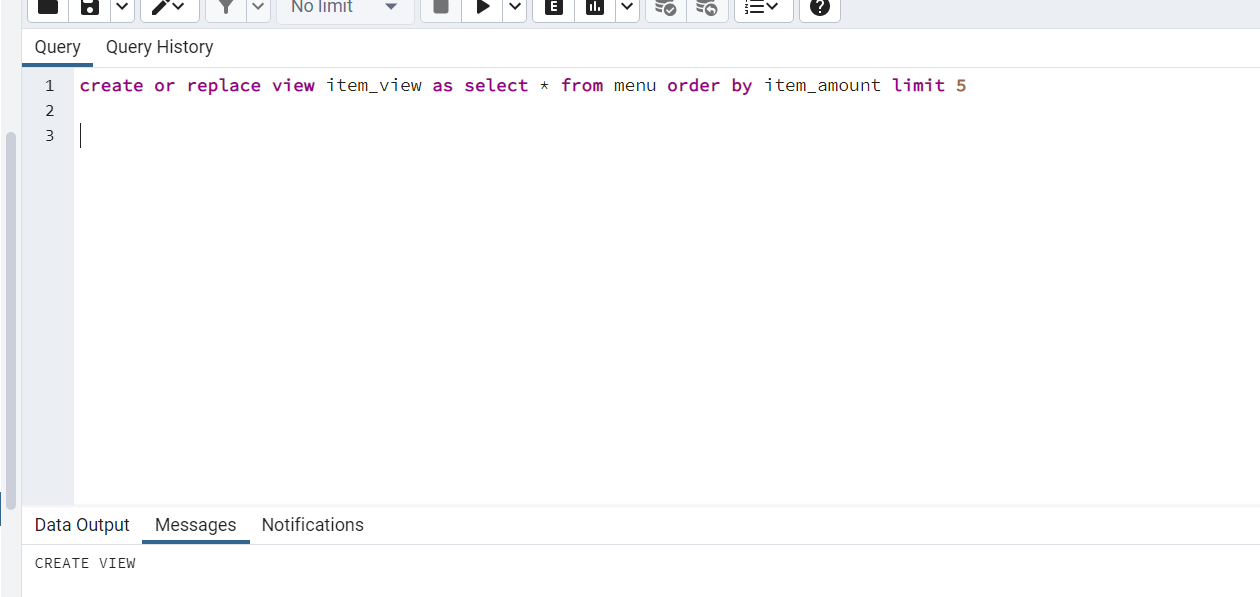
**Output:**

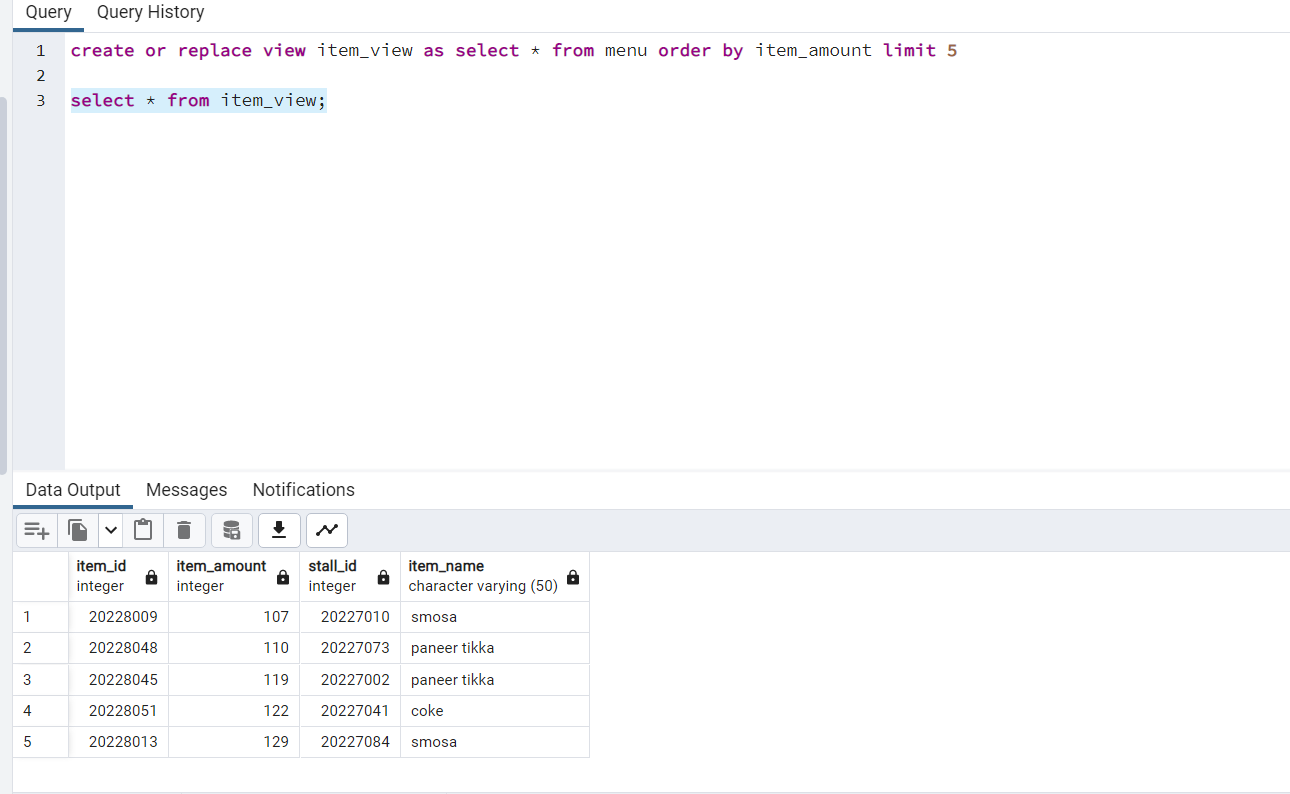
**3>Create view of 5 highest item amount and display it.**

create or replace view item\_view as select \* from menu order by item\_amount limit 5

select \* from item\_view;

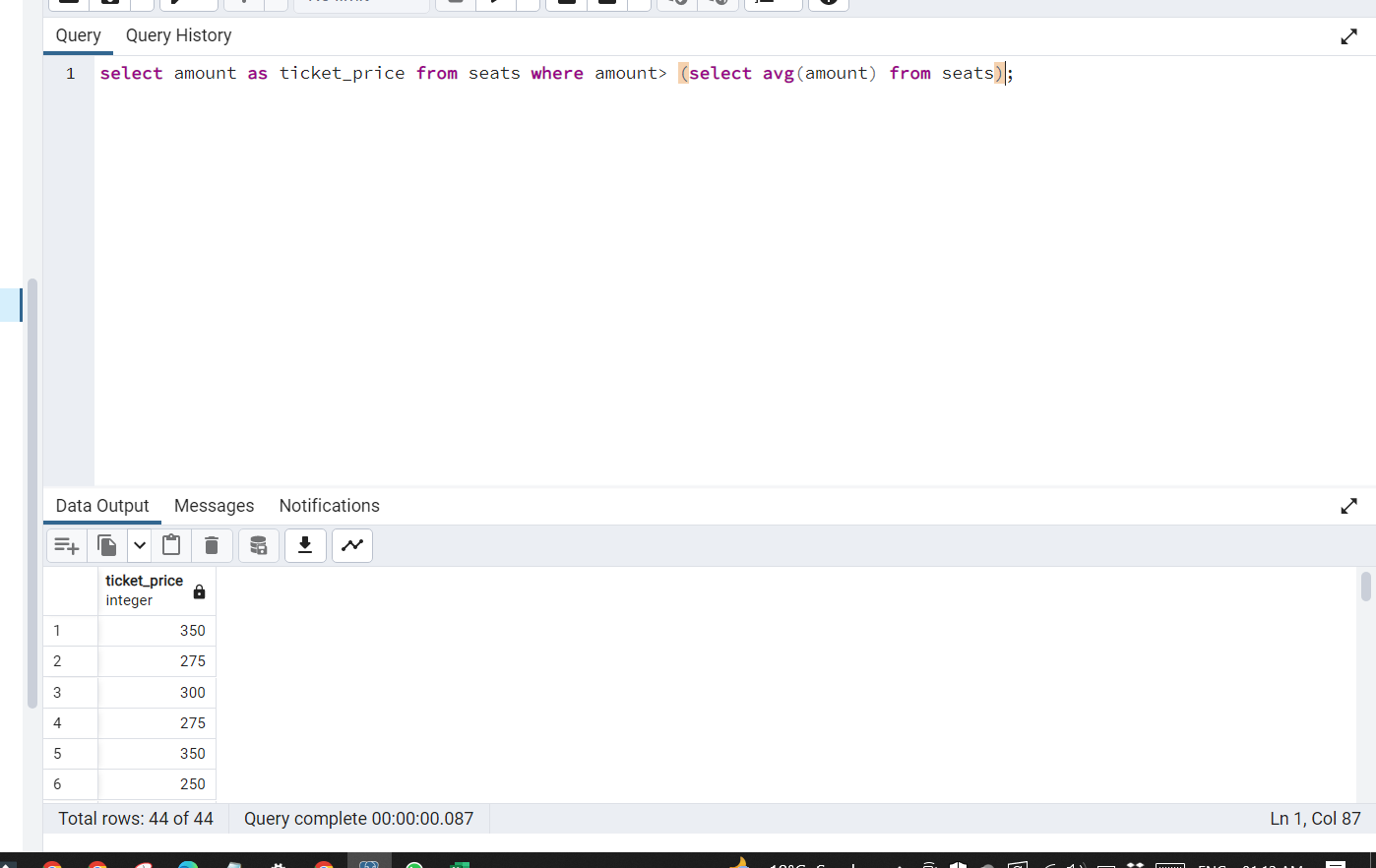
**Output:**

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****

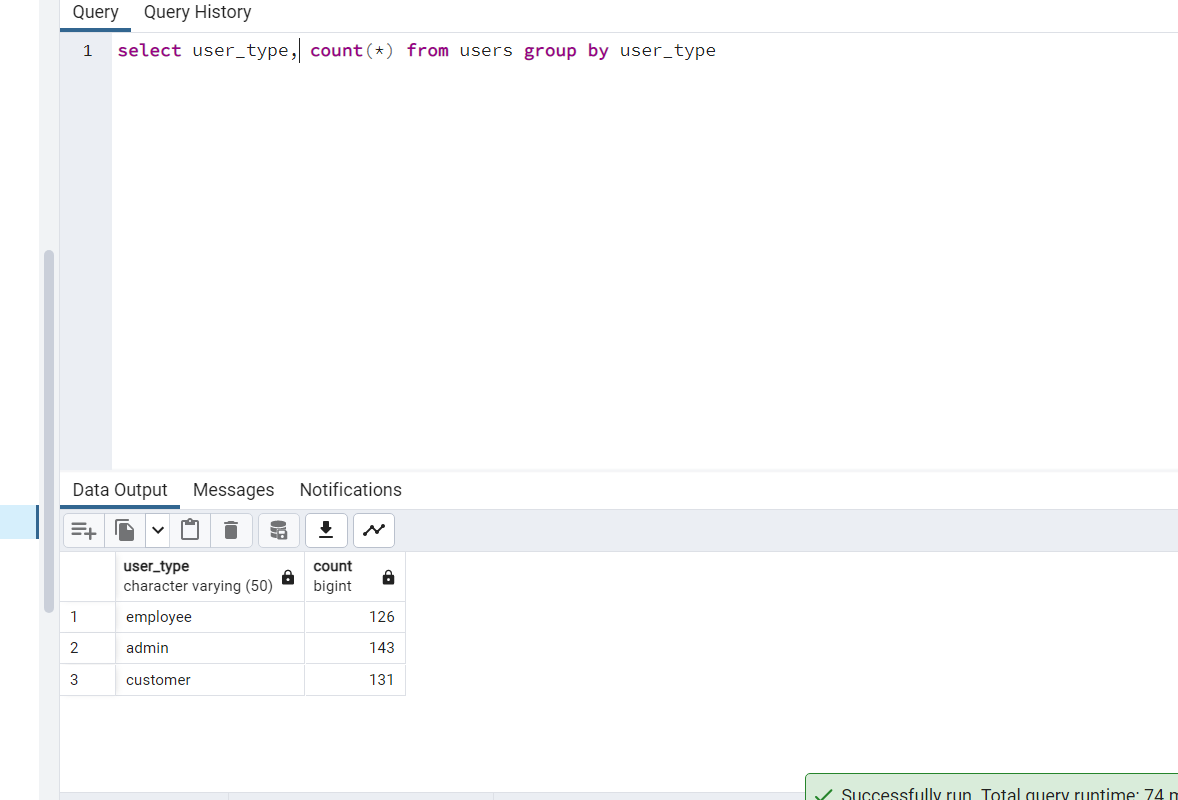
**4>Find ticket\_price which is greater than average ticket\_price**

**ans>**select amount as ticket\_price from seats where amount> (select avg(amount) from seats);

**Output:**

**5>Find count of different types of user\_role**

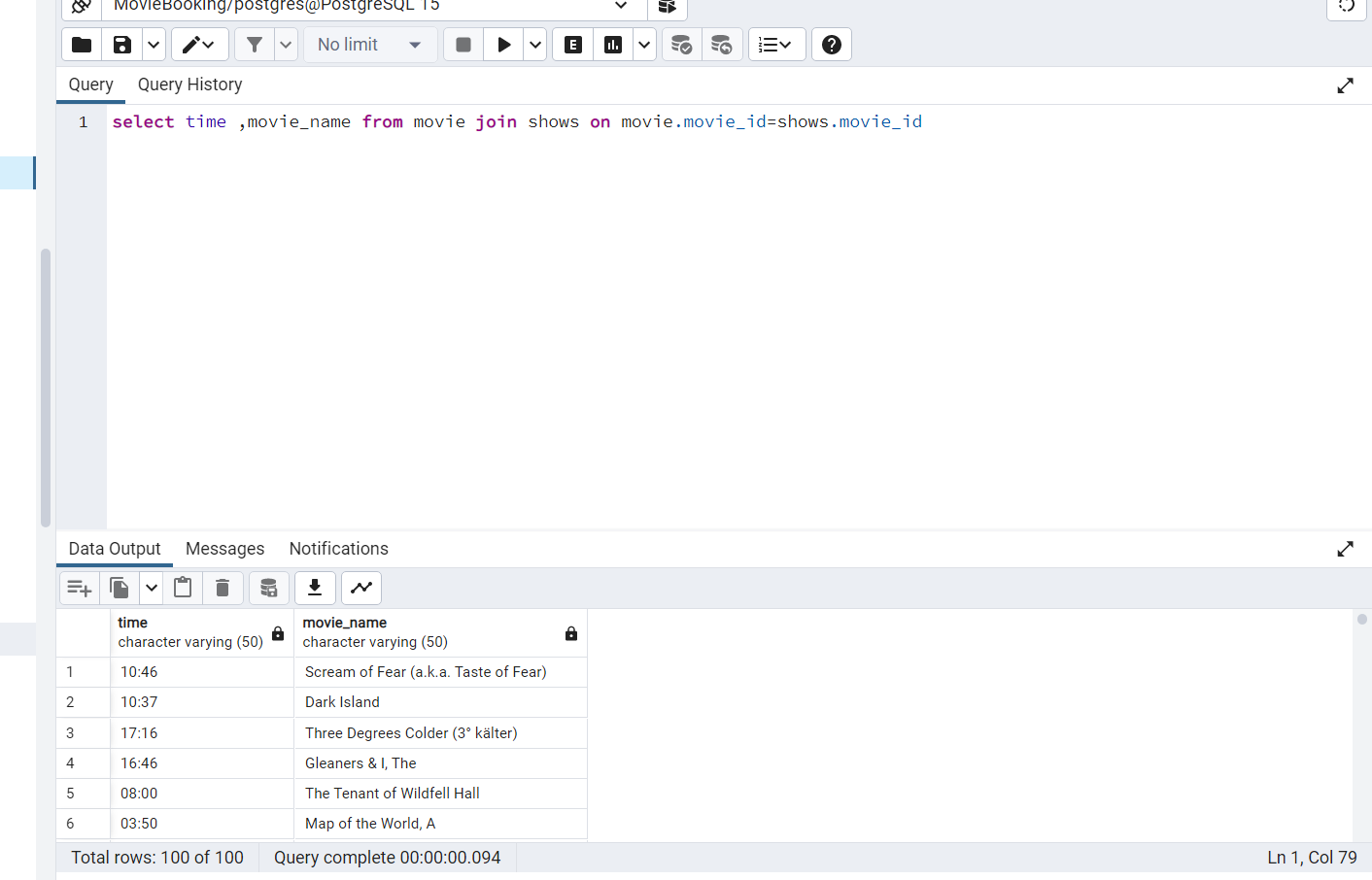
**ans>**select user\_type, count(\*) from users group by user\_type

**Output:**

**6>Display show time and movie name**

select time ,movie\_name from movie join shows on movie.movie\_id=shows.movie\_id

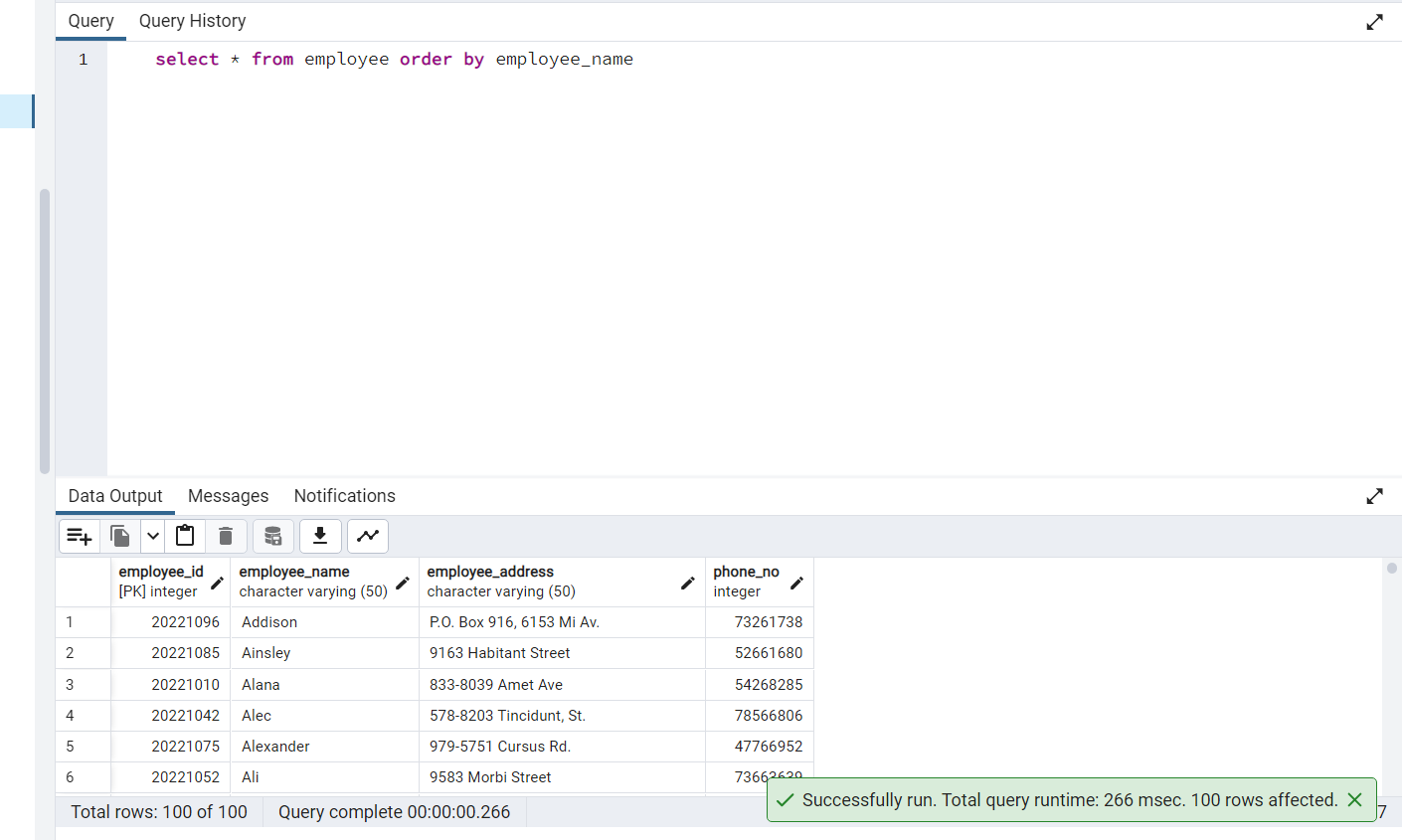
**Output:**

****

**7>Sort Employee Name**

select \* from employee order by employee\_name

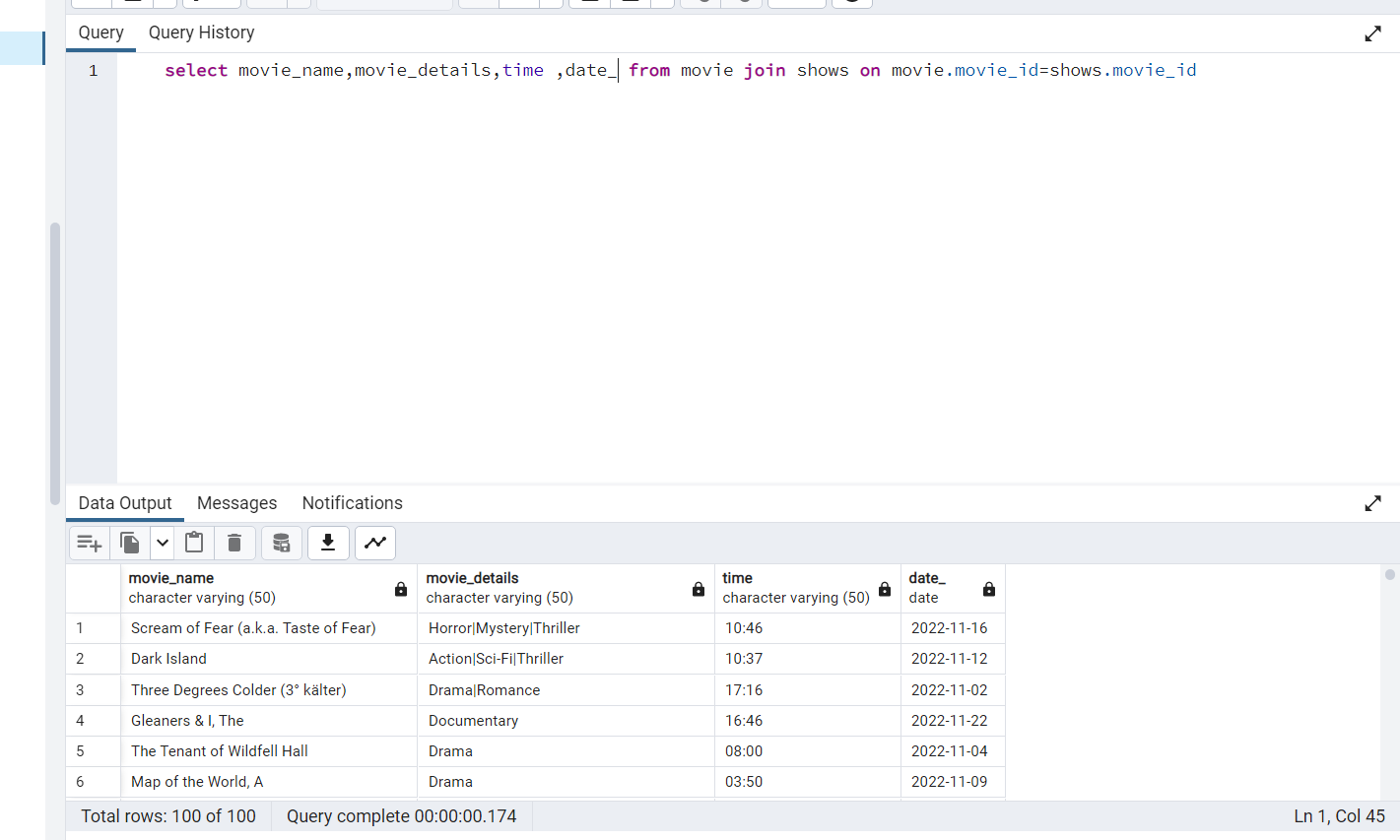
**Output:**

****

**8>Show Movie Name, Details and time and date .**

**ans>** select movie\_name,movie\_details,time ,date\_ from movie join shows on movie.movie\_id=shows.movie\_id

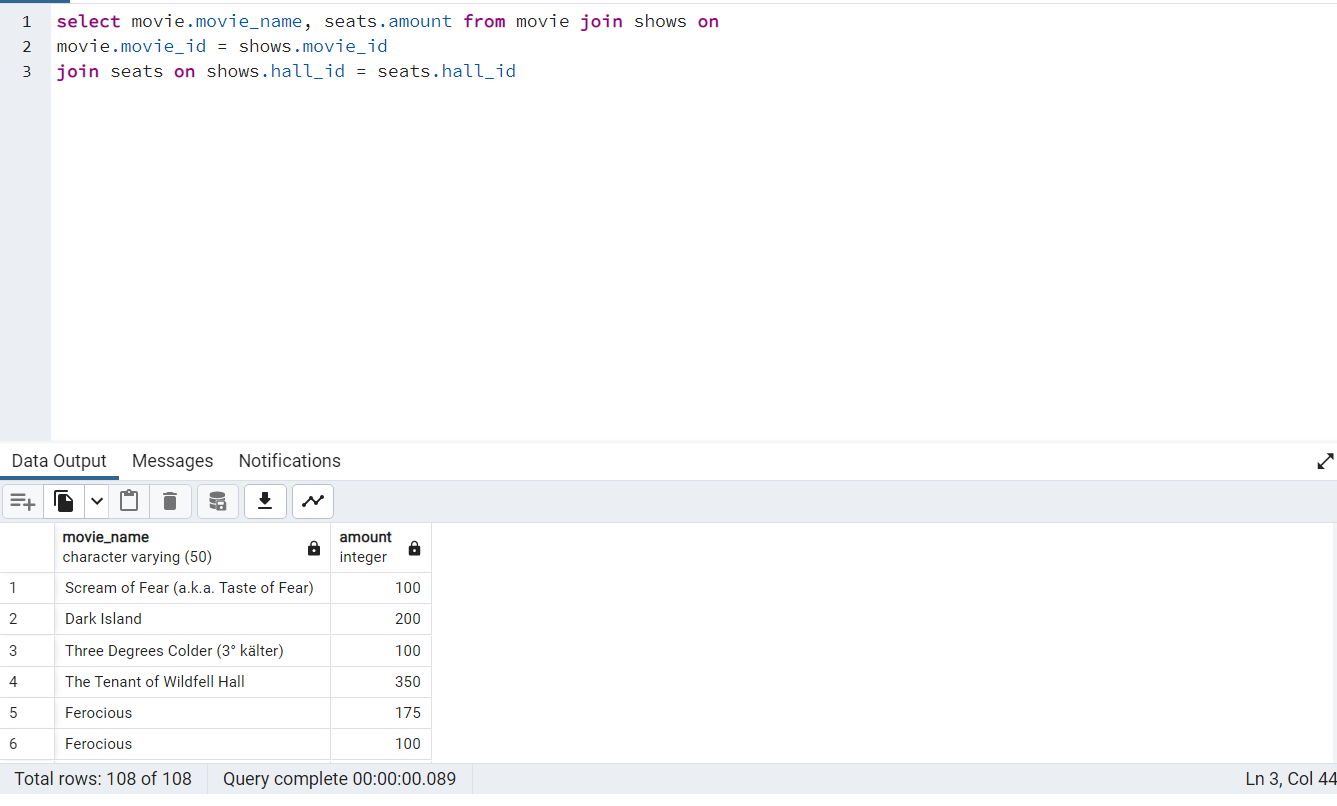
**Output:**



**9>Show Movie Name and amount**

**ans>**select movie.movie\_name, seats.amount from movie join shows on movie.movie\_id = shows.movie\_id join seats on shows.hall\_id = seats.hall\_id

**Output:**

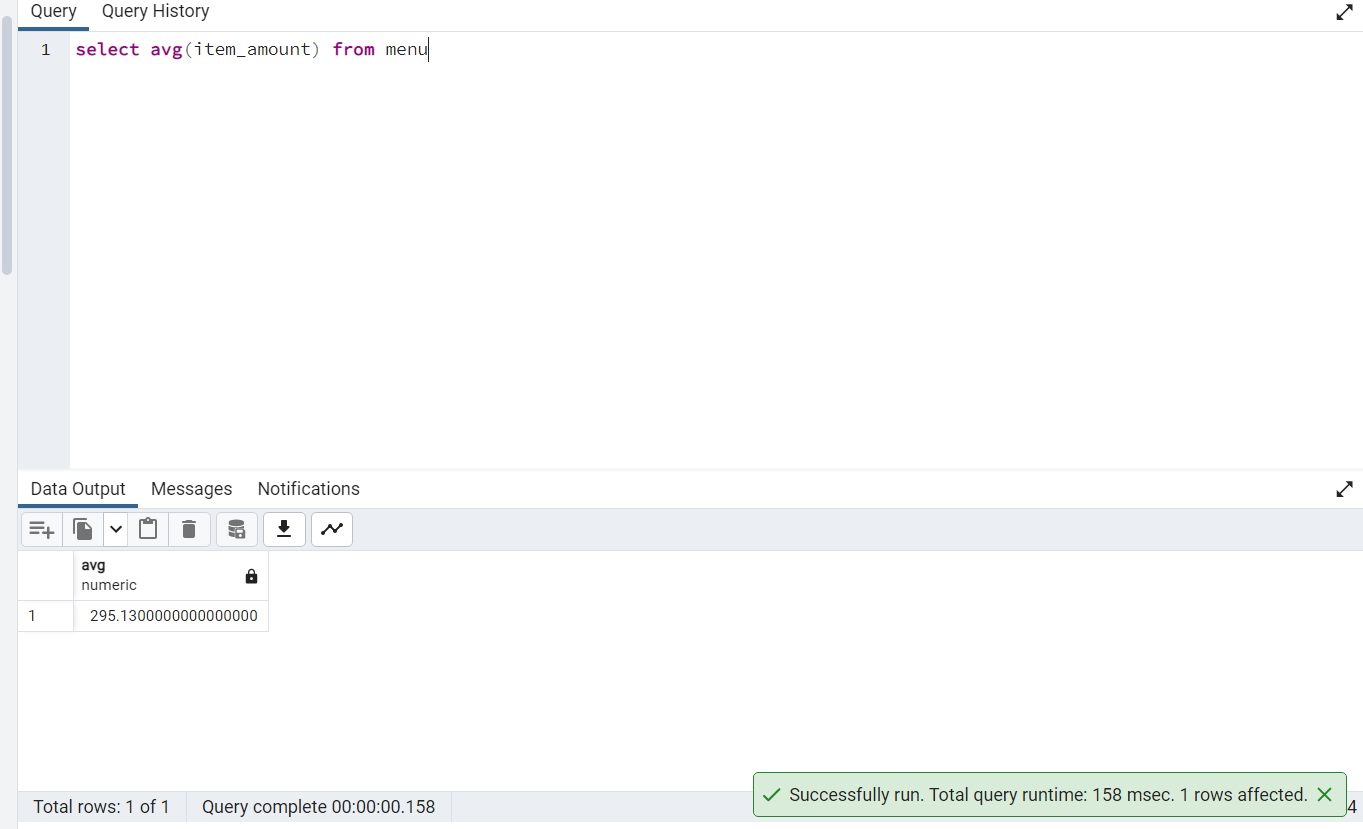


**10>select average item\_amount**

**ans>**

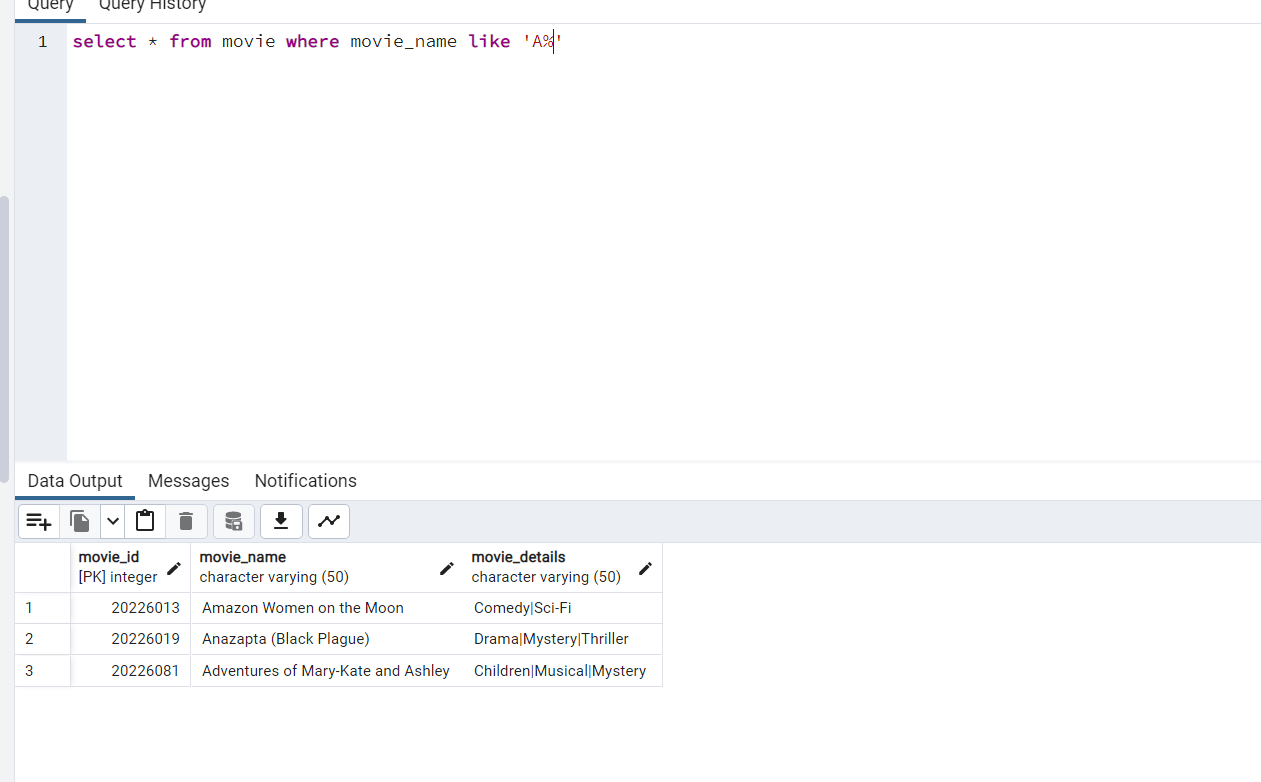
select avg(item\_amount) from menu

**Output:**

****

**11>Show Movie Name whose name start with 'A'**

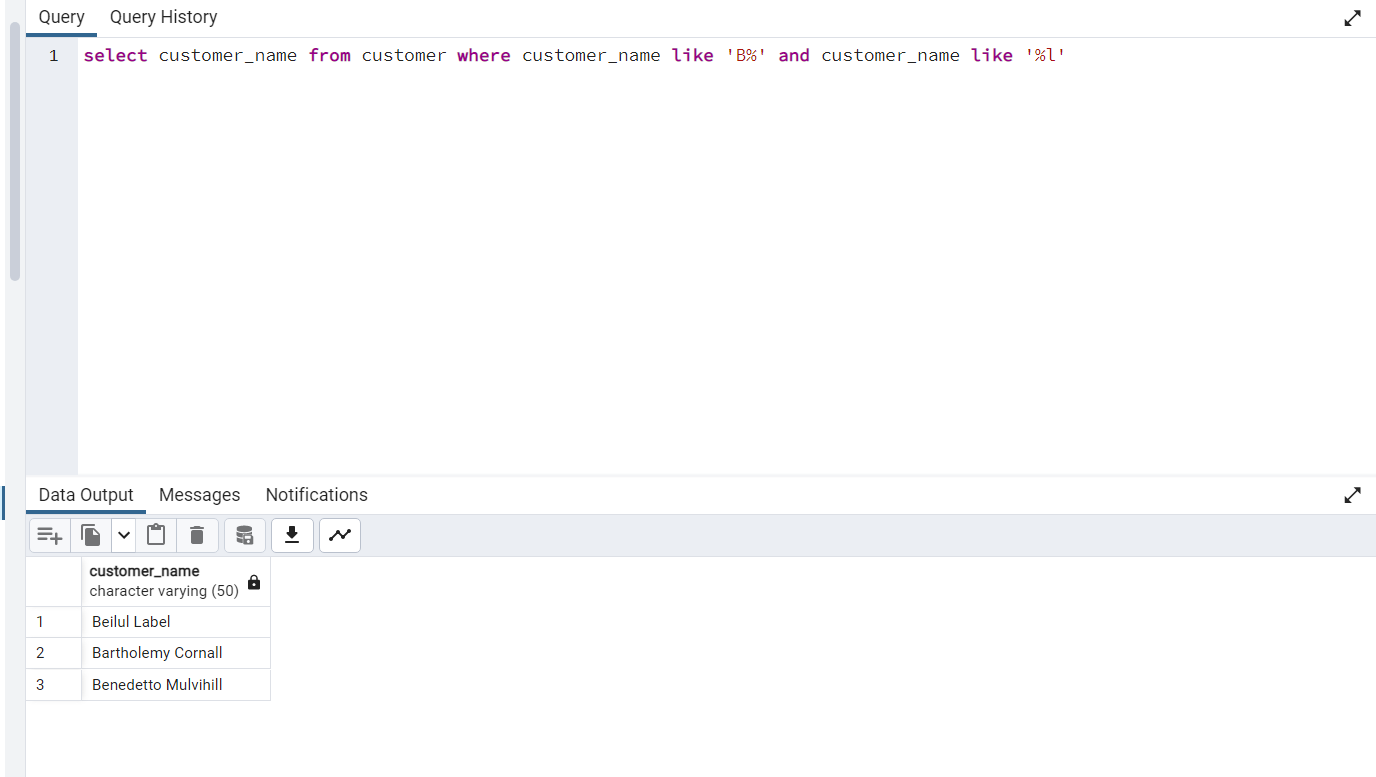
select \* from movie where movie\_name like 'A%'

****

**12>Show Customer Name whose name start with 'B' and End With 'L'**

**ans>**select customer\_name from customer where customer\_name like 'B%' and customer\_name like '%l'

**Output:**

****

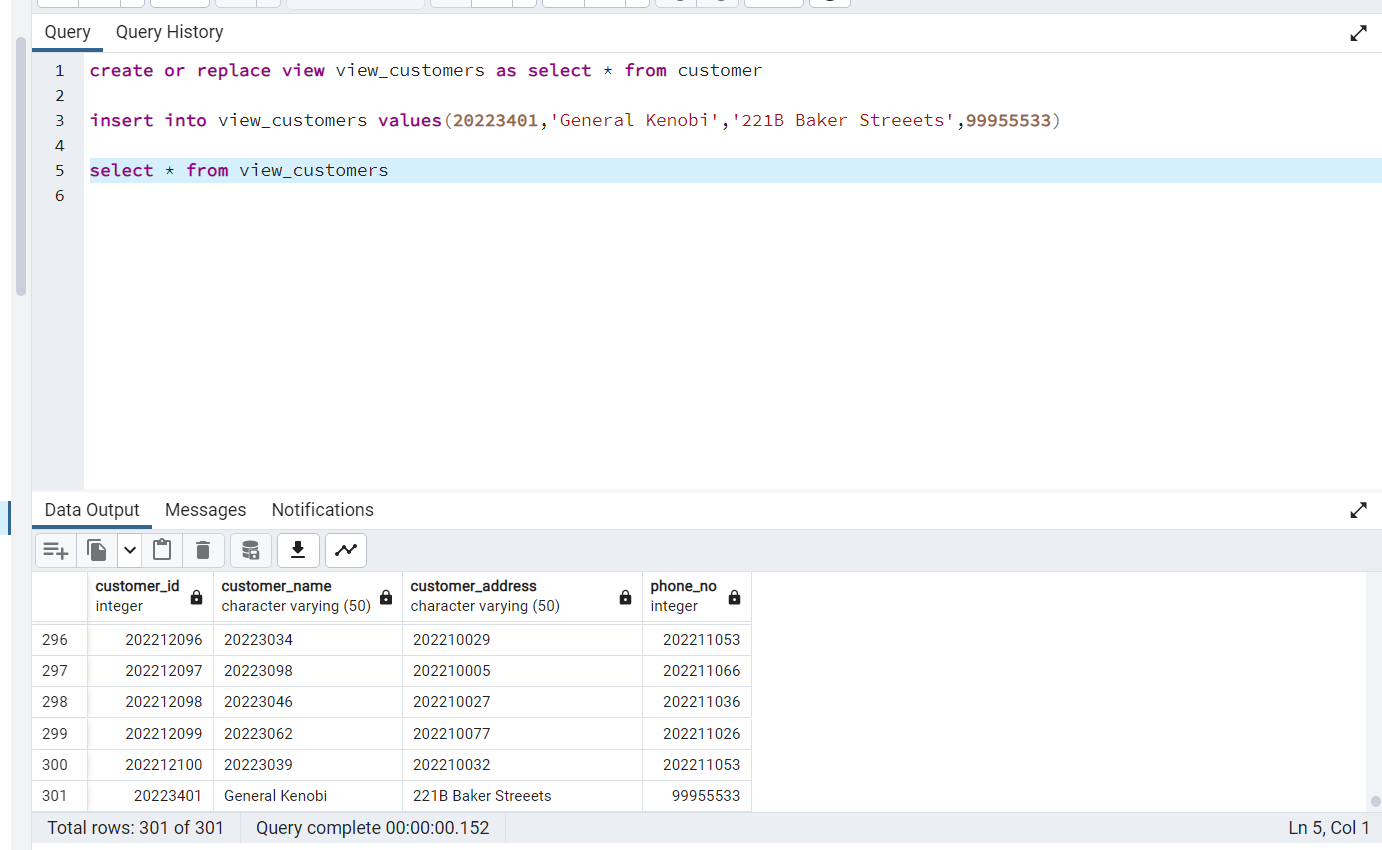
**13>Create a view for customer\_details ,insert and display the view**

create or replace view view\_customers as select \* from customer

insert into view\_customers values(20223401,'General Kenobi','221B Baker Streeets',99955533)

select \* from view\_customers

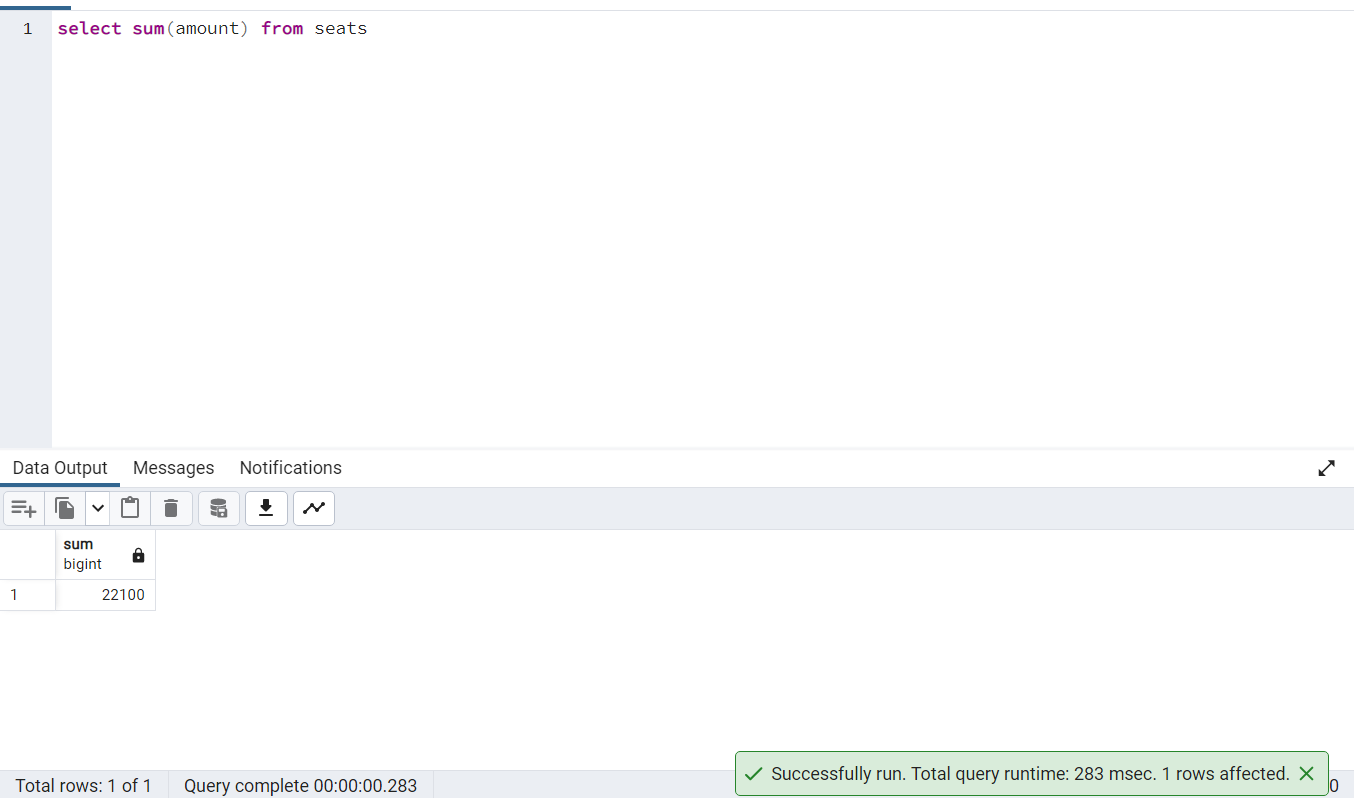
**Output:**

****

**14>Show the sum of total seat amount**

**ans>**select sum(amount) from seats

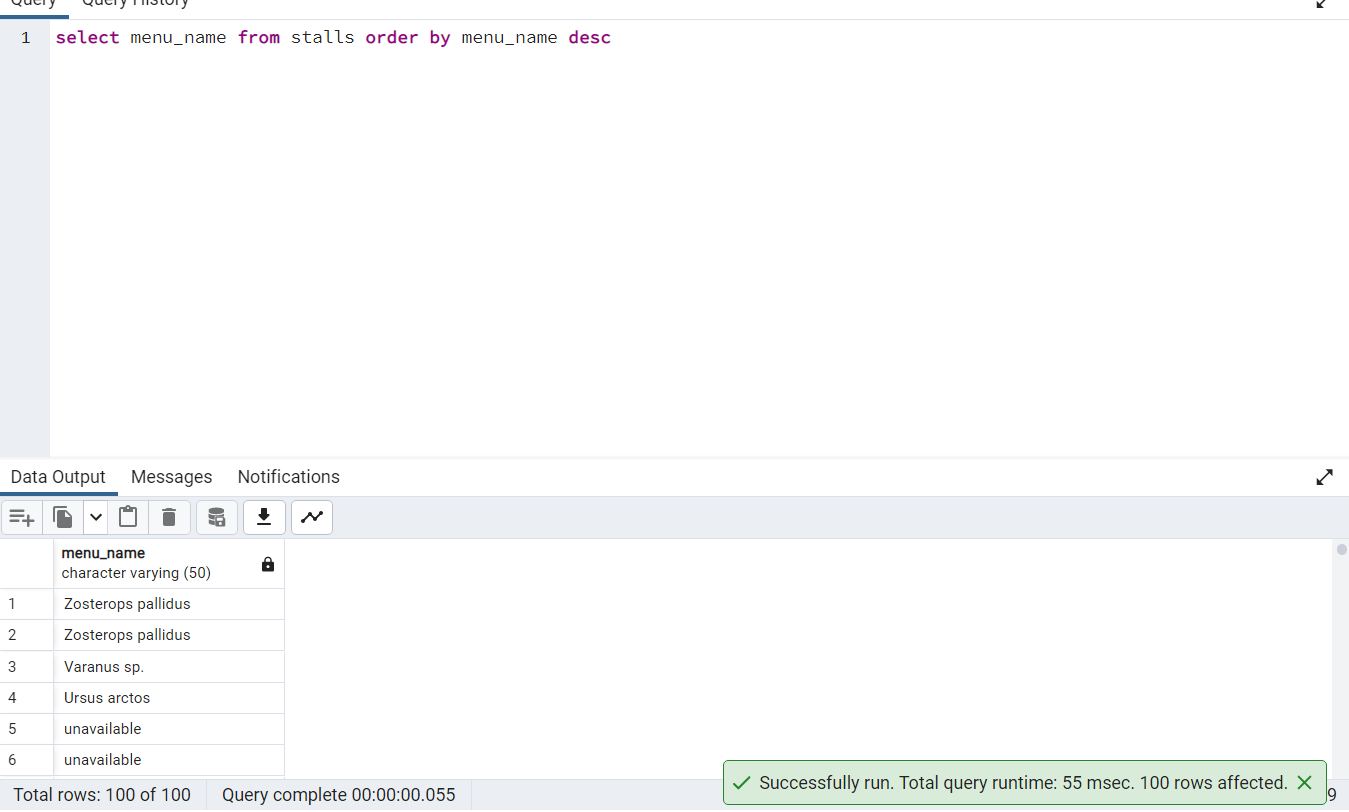
**Output:**

****

**15>Display Menu Name Descending wise.**

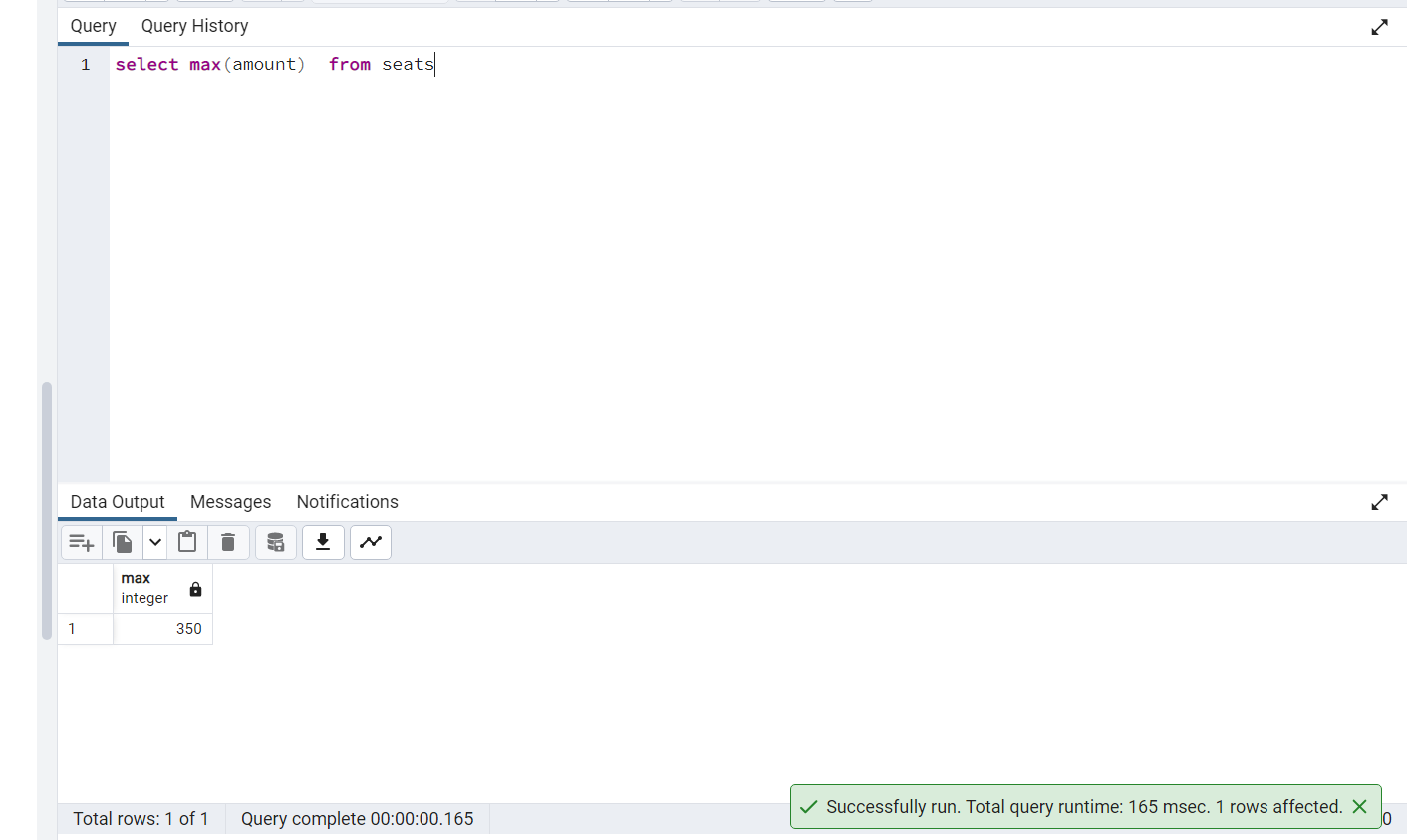
select menu\_name from stalls order by menu\_name desc

**Output:**

****

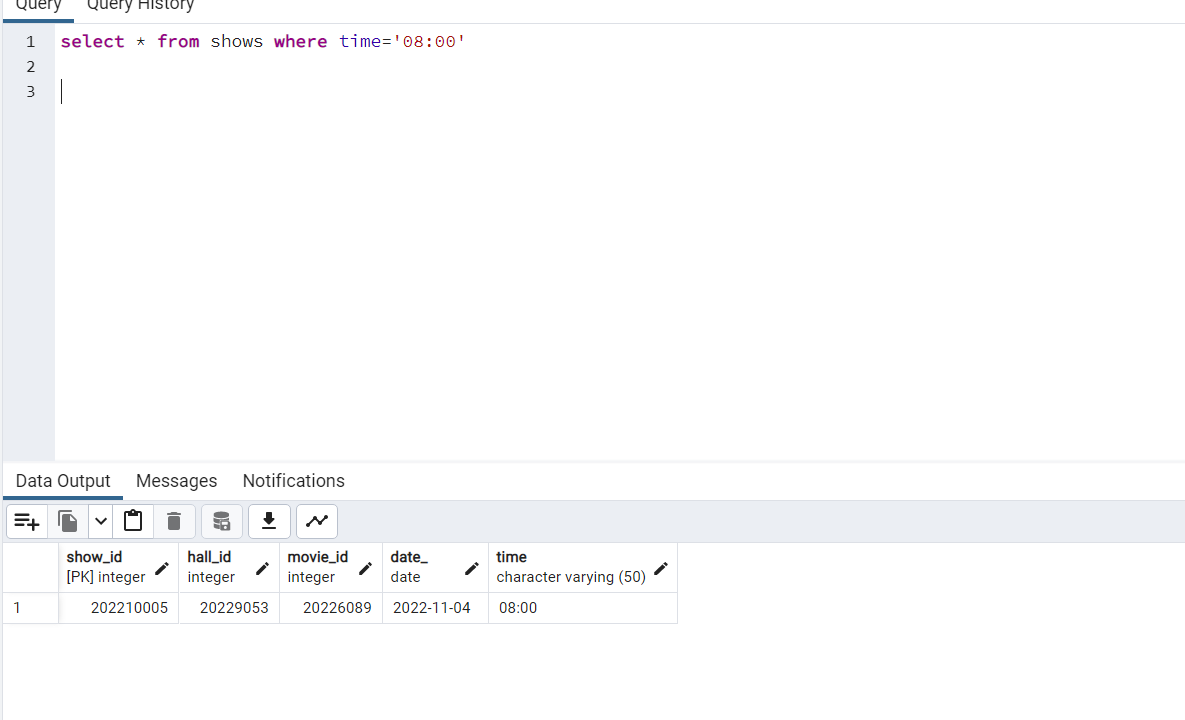
**16> Display record for the maximum total amount in seats**

select max(amount) from seats

****

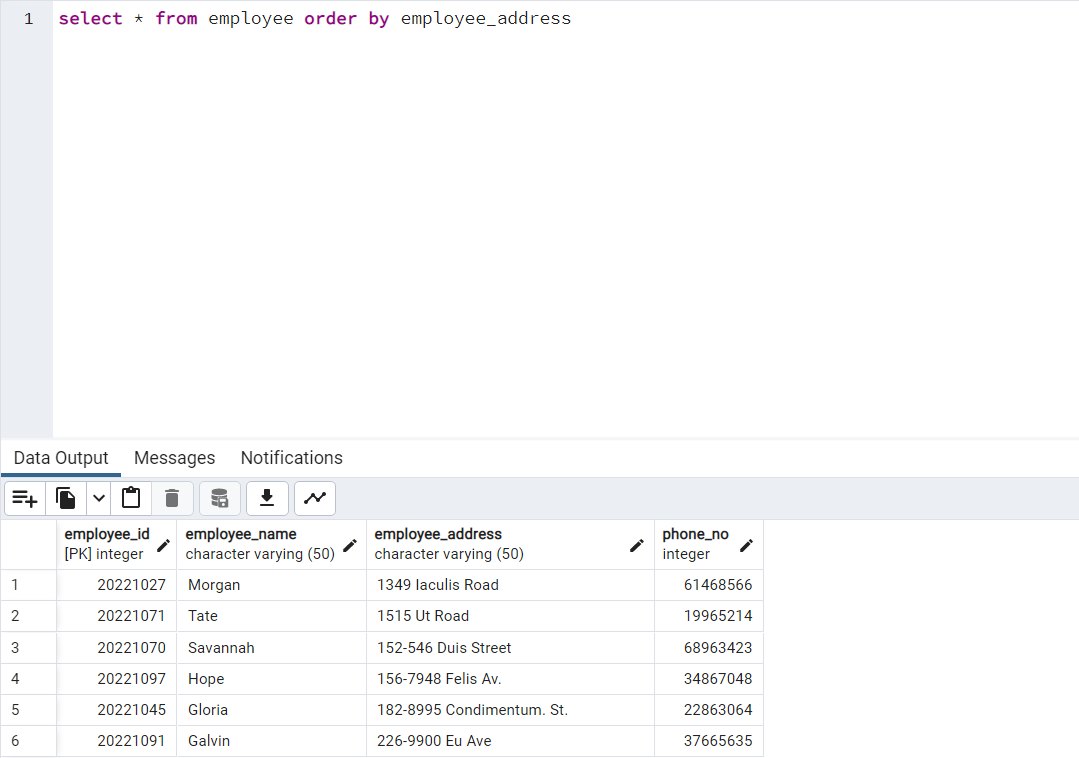
**17> show all the movies available at 08:00**

select \* from shows where time='08:00'

****

**18> Display employee details with sorted Email**

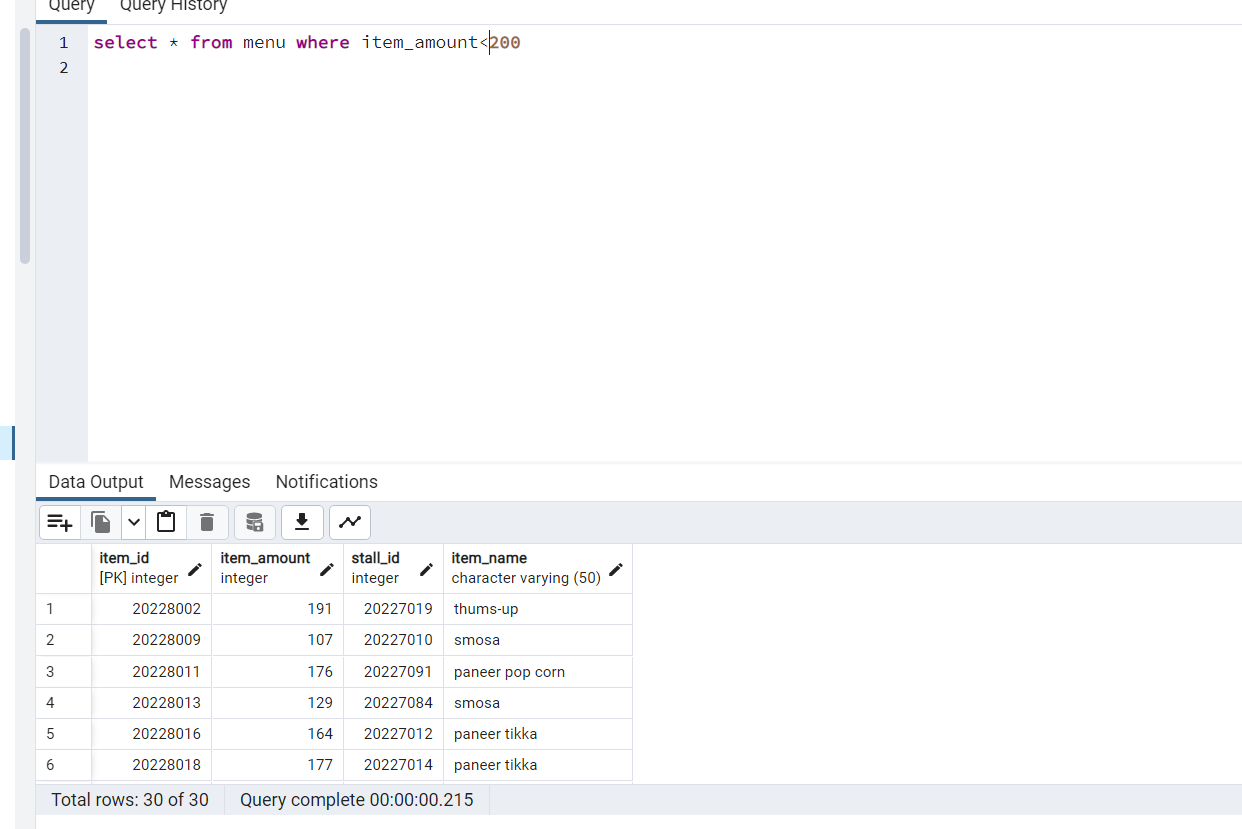
select \* from employee order by employee\_address

****

**19> show all the cinemas where menu price is less then Rs200**

**ans>**select \* from menu where item\_amount<200

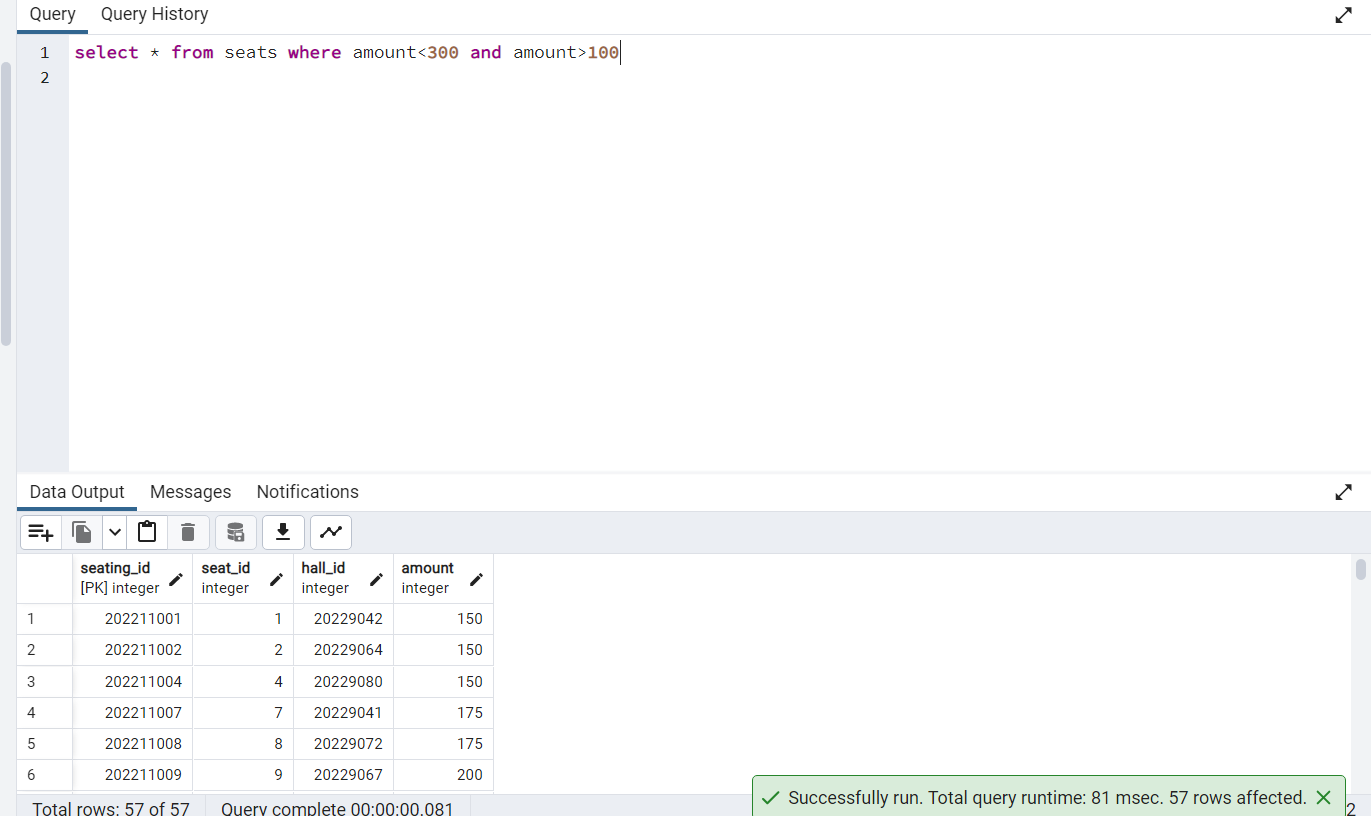
**Output:**

****

**20> show seats how's amount is less than Rs300 and greater than 100**

select \* from seats where amount<300 and amount>100

**Output:**

****

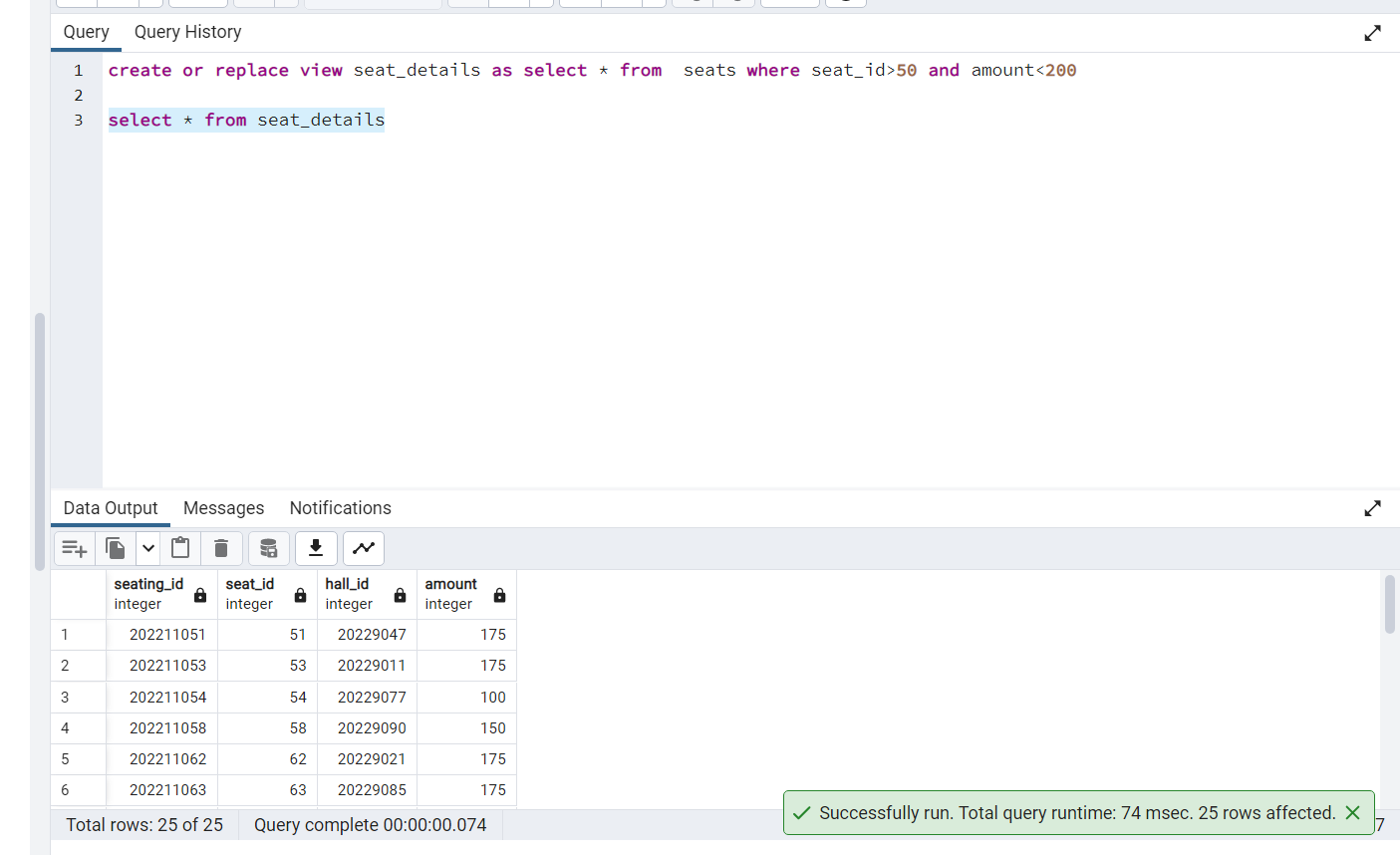
**21> create a view of seats details where seat\_id is greater than 50 and amount less than 200**

**ans>**

create or replace view seat\_details as select \* from seats where seat\_id>50 and amount<200

select \* from seat\_details

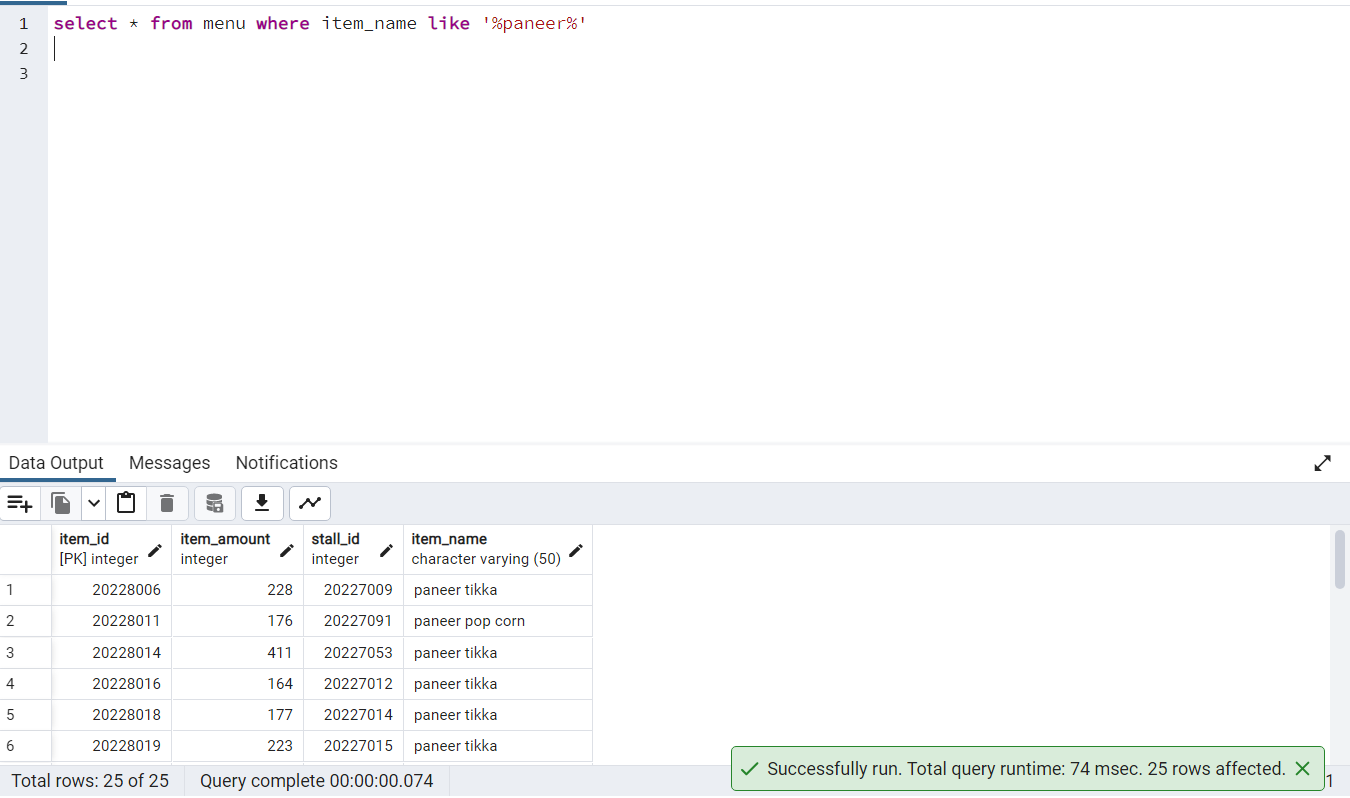
**Output:**

****

**22> list down the item details which has paneer in it**

**ans>**select \* from menu where item\_name like '%paneer%'

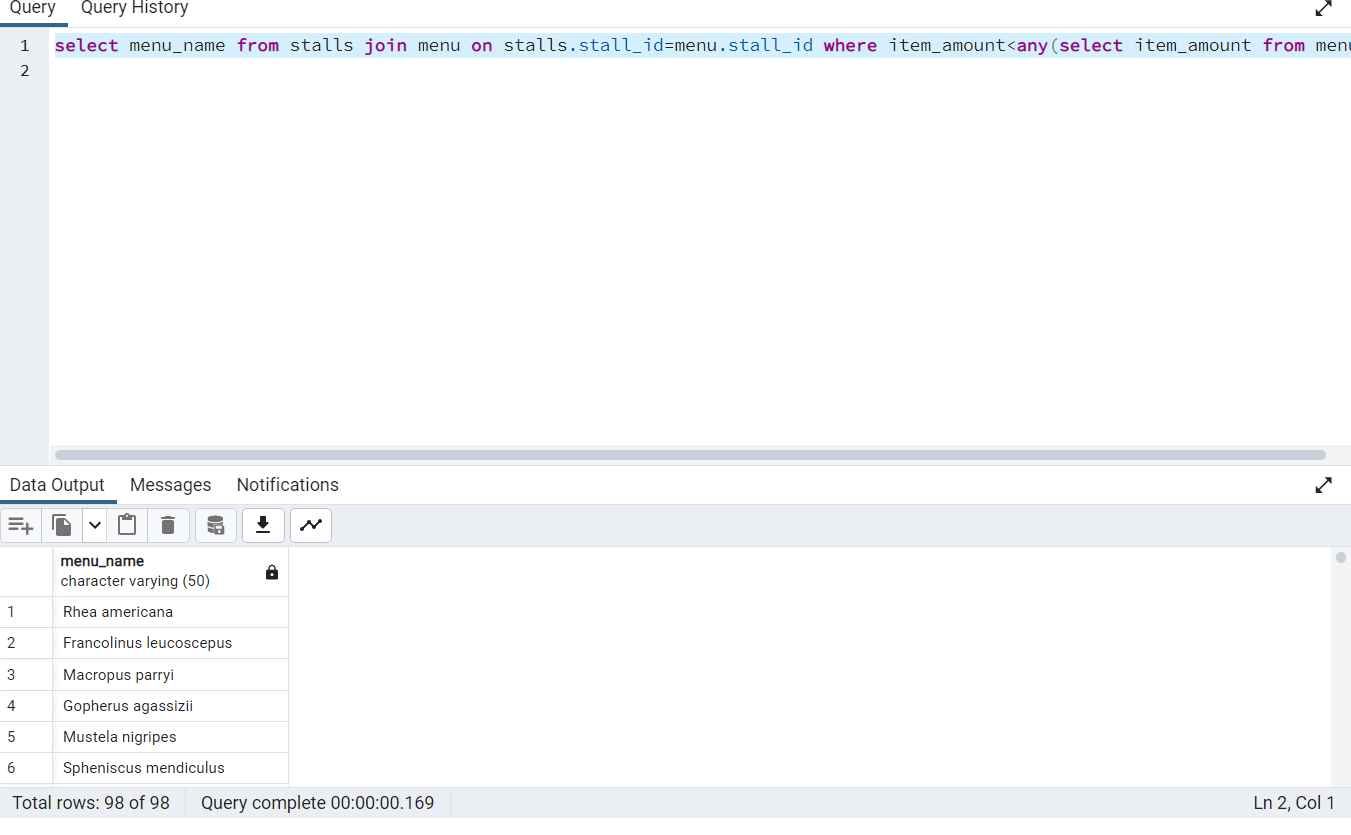
**Output:**

****

**23> Display the menu\_name whose item\_amount is less than average of item amount**

**ans>** select menu\_name from stalls join menu on stalls.stall\_id=menu.stall\_id where item\_amount<any(select item\_amount from menu)

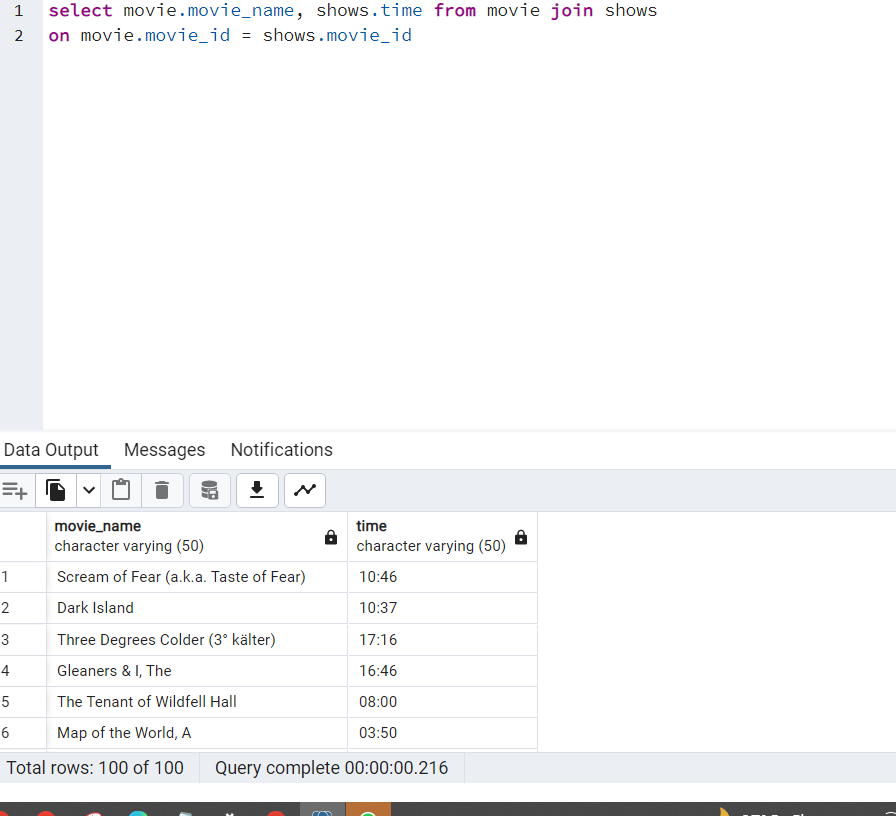
**Output:**



**24> Display all the Movie name and show time**

select movie.movie\_name, shows.time from movie join shows

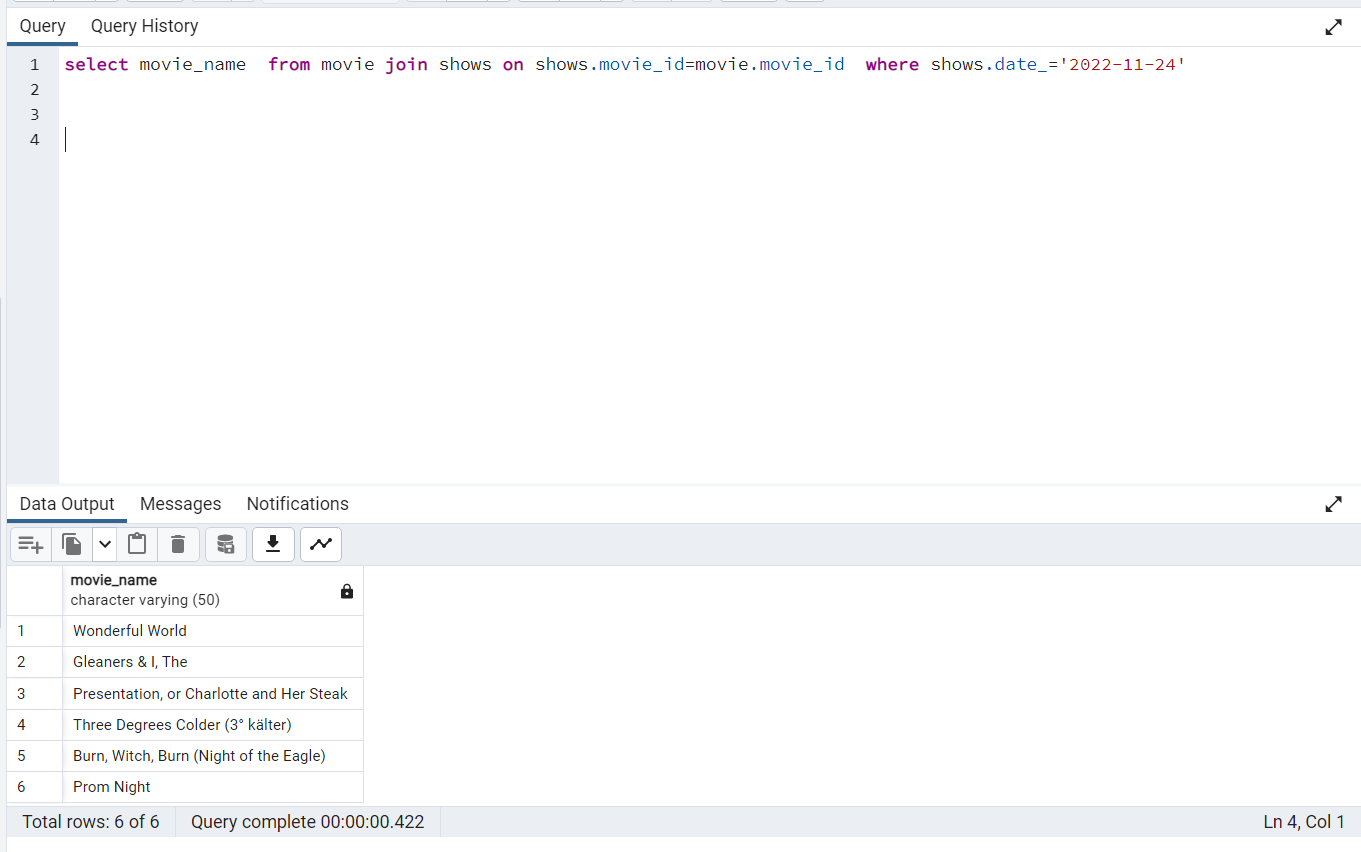
on movie.movie\_id = shows.movie\_id

****

**25> display all the movies on 27th Nov 2022**

**ans>**

select movie\_name from movie join shows on shows.movie\_id=movie.movie\_id where shows.date\_='2022-11-24'

****

**26> Display the timing of movie name ‘Mad Money’**

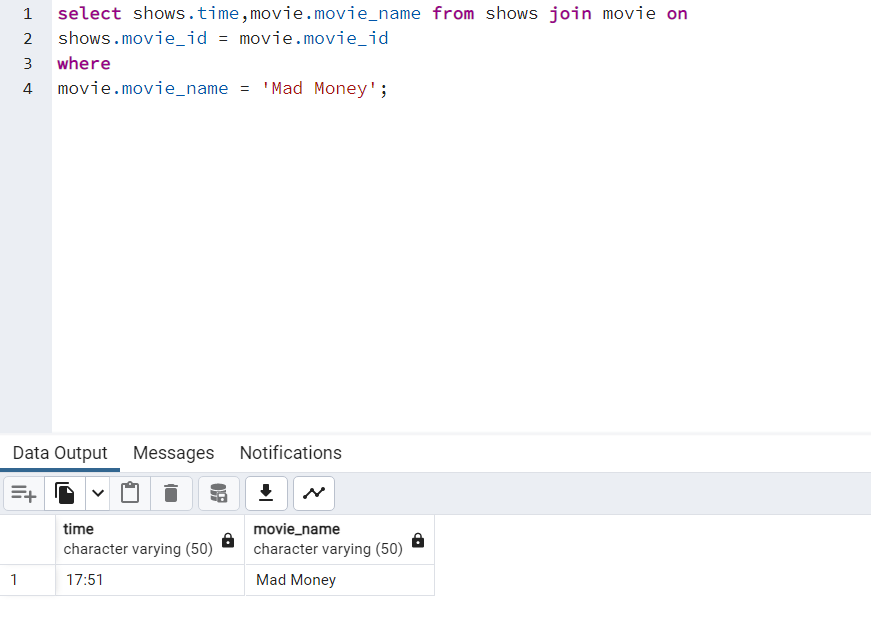
select shows.time,movie.movie\_name from shows join movie on

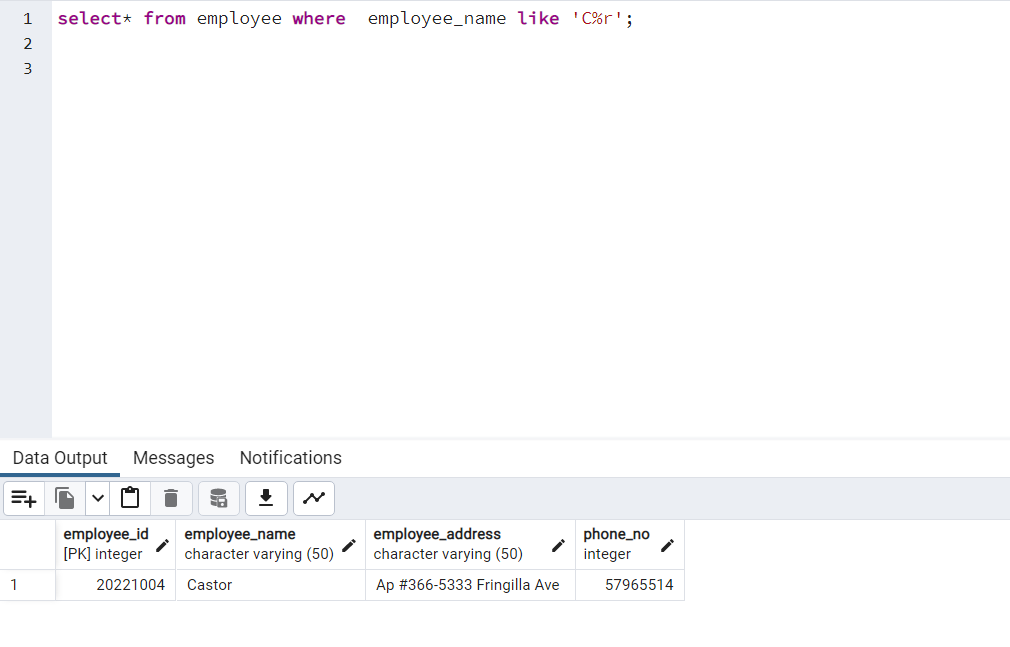
shows.movie\_id = movie.movie\_id

where

movie.movie\_name = 'Mad Money';

**Output:**

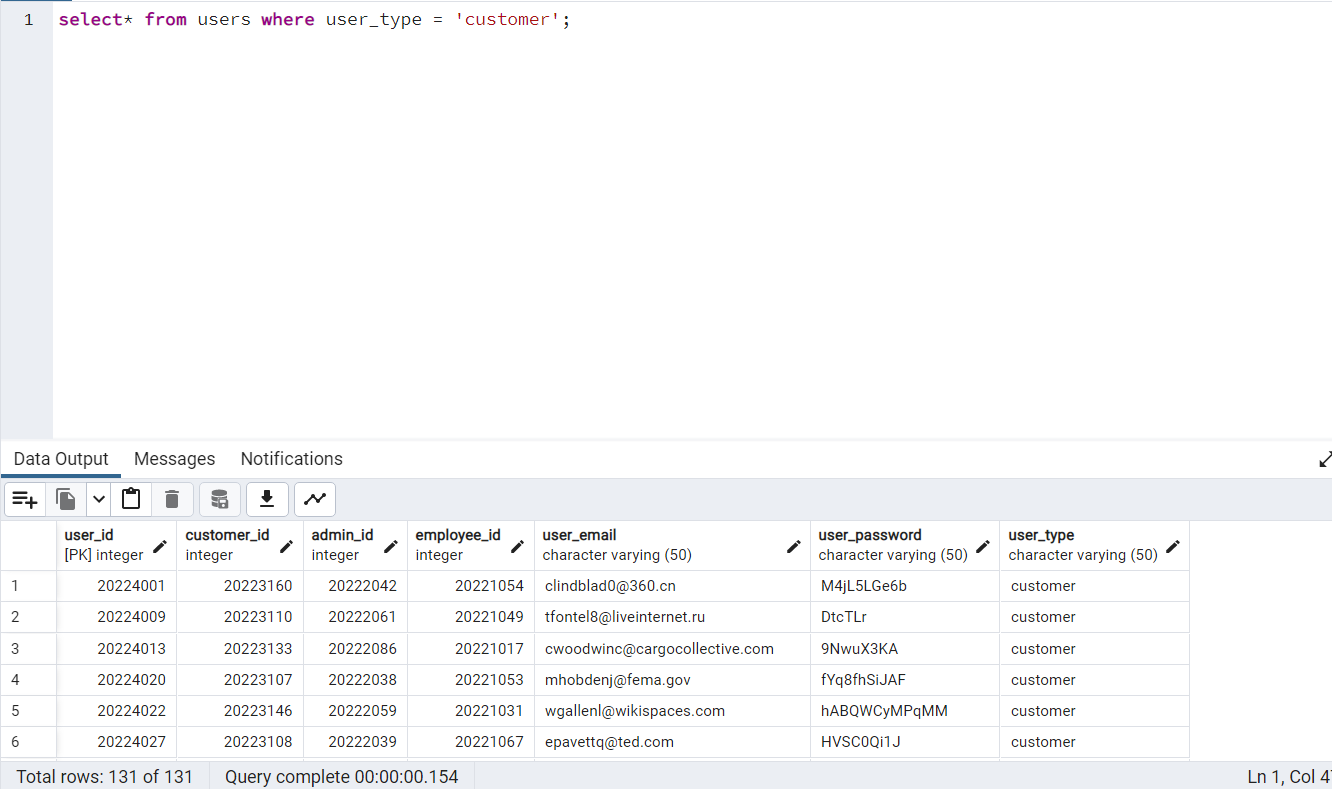
****

**27> Display employee name whose name starts with ‘C’ and ends with ‘r’ans>**select\* from employee where employee\_name like 'C%r';****

**28> show all the users who are customers**

select\* from users where user\_type = 'customer';

**Output:**

****

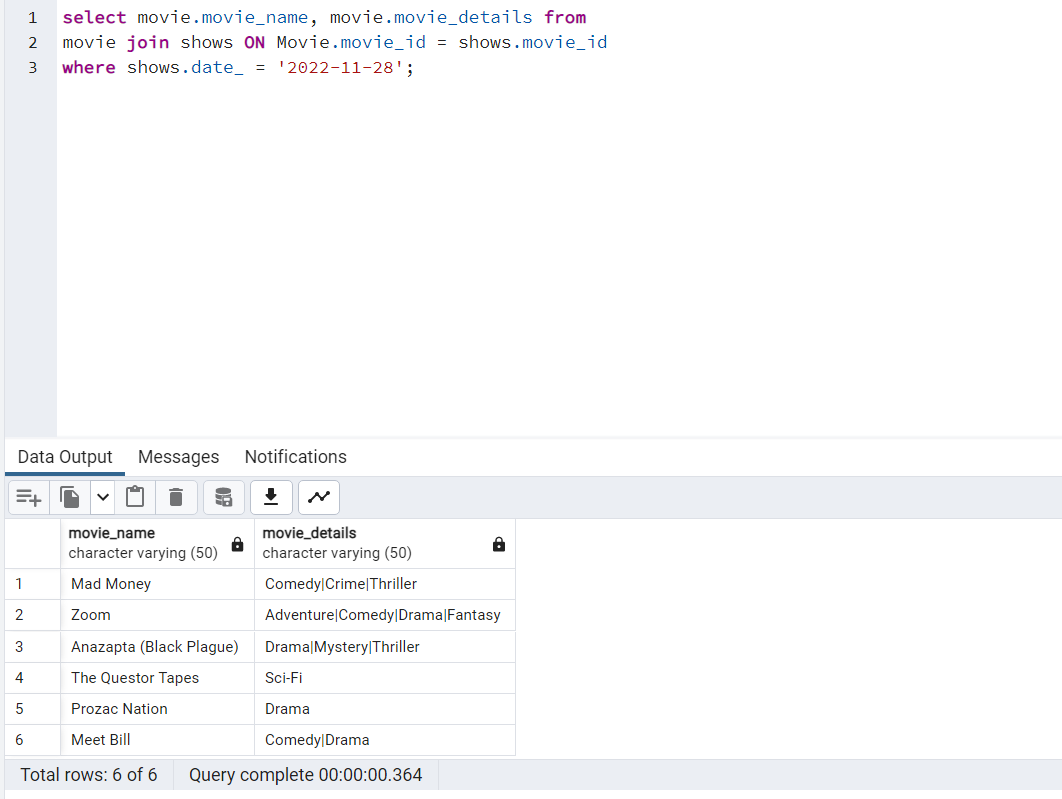
**29> show all the movie available on 27th Nov 2022**

select movie.movie\_name, movie.movie\_details from

movie join shows ON Movie.movie\_id = shows.movie\_id

where shows.date\_ = '2022-11-28';

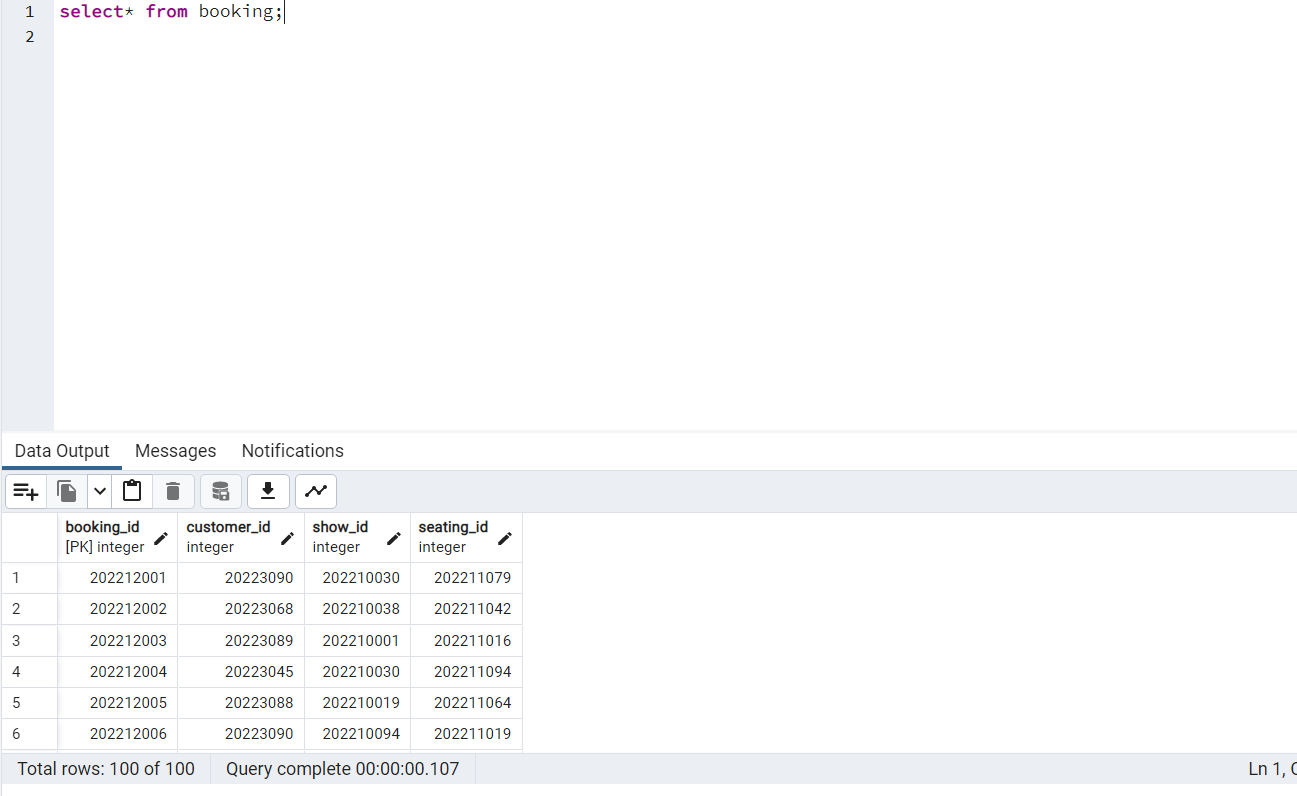
**Output:**

****

**30> show all the booking details**

Select \* from bookings;

**Output:**

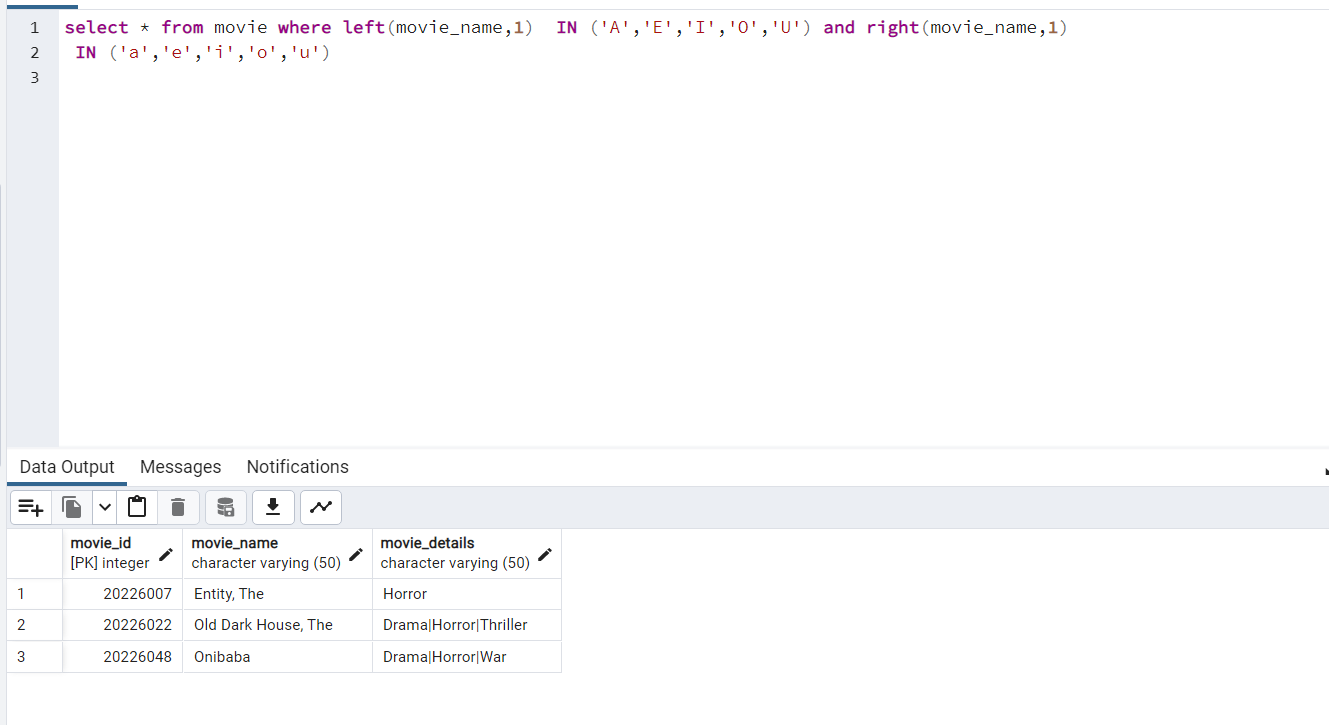


**31>show movie details whose name starts with vowels and ends with vowels**

select \* from movie where left(movie\_name,1) IN ('A','E','I','O','U') and right(movie\_name,1)

IN ('a','e','i','o','u')

**Output:**

****

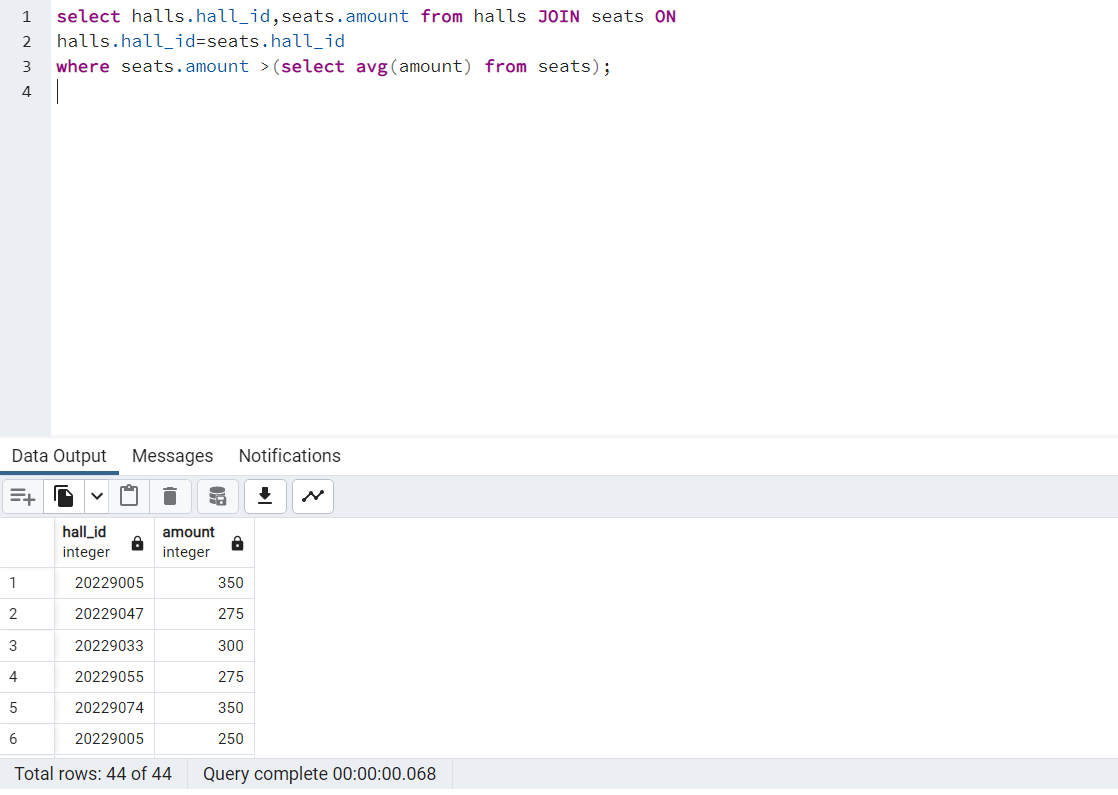
**32> Display halls detail where seats amount is more then average**

select halls.hall\_id,seats.amount from halls JOIN seats ON

halls.hall\_id=seats.hall\_id

where seats.amount >(select avg(amount) from seats);

**Output:**

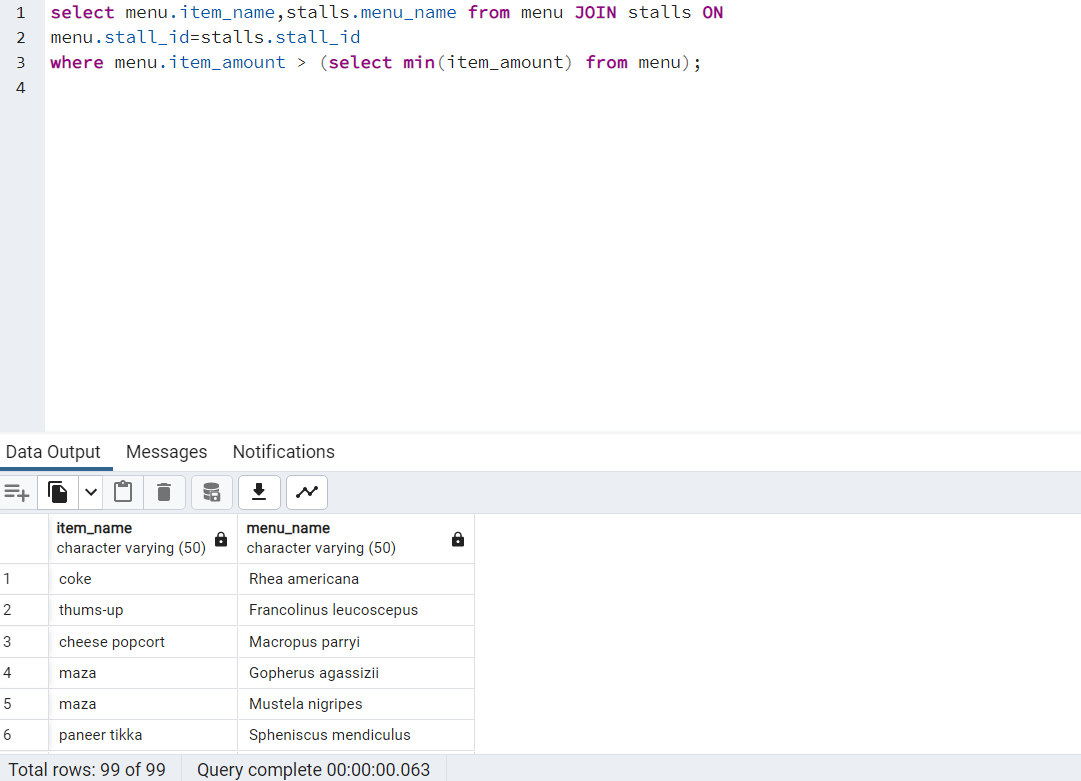


**33>Display menu name, item name where item\_amount is more then the min item price**

select menu.item\_name,stalls.menu\_name from menu JOIN stalls ON

menu.stall\_id=stalls.stall\_id

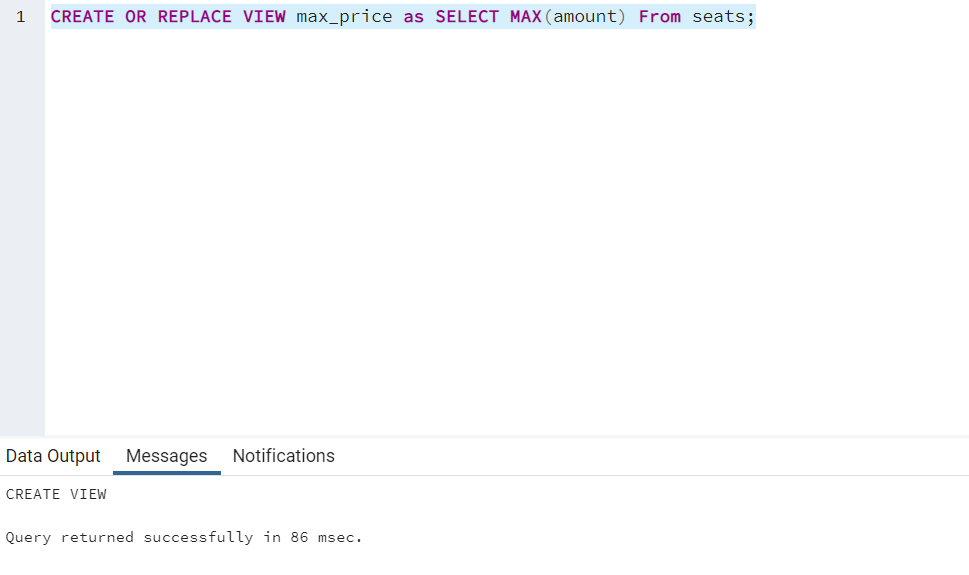
where menu.item\_amount > (select min(item\_amount) from menu);

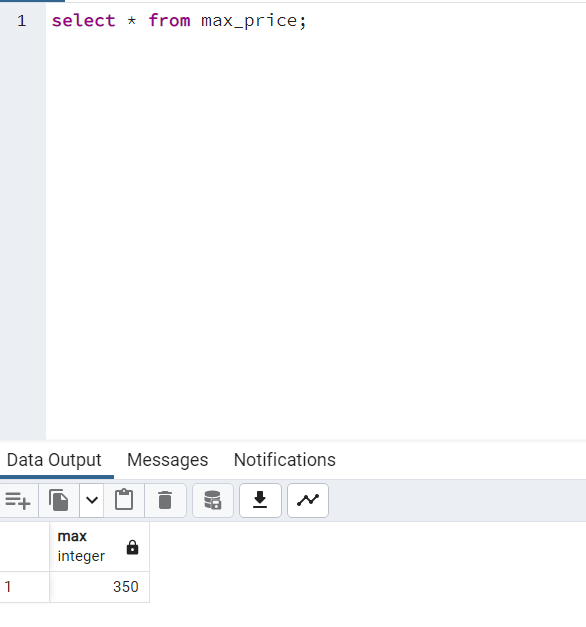


**34>Create a view on maximum price**

CREATE OR REPLACE VIEW max\_price as SELECT MAX(amount) From seats;

select \* from max\_price

****

****

**35> Display all the shows time where seats amount is more than then the minimum price**

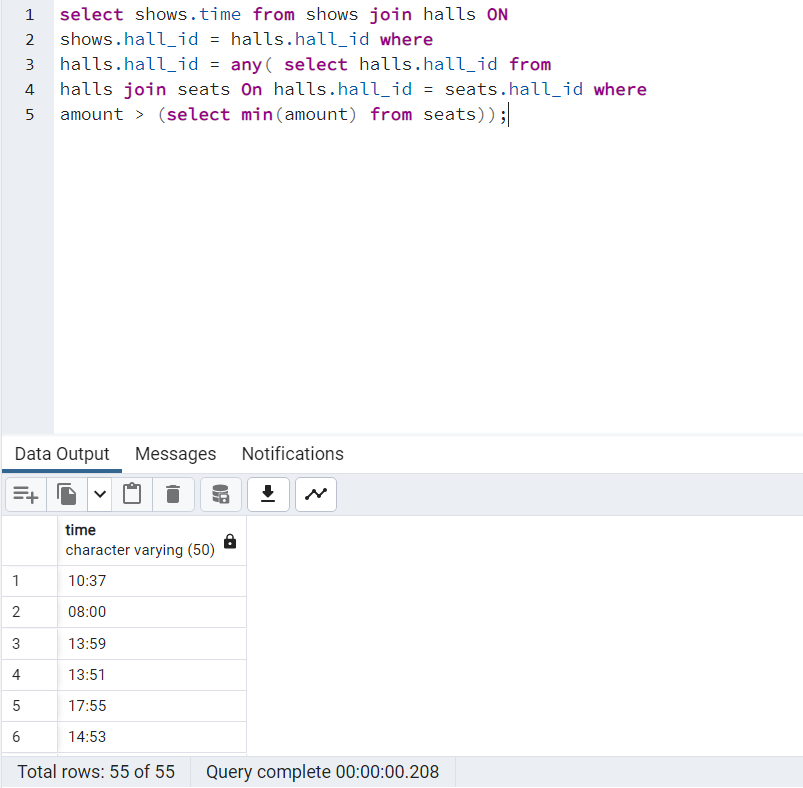
select shows.time from shows join halls ON

shows.hall\_id = halls.hall\_id where

halls.hall\_id = any( select halls.hall\_id from

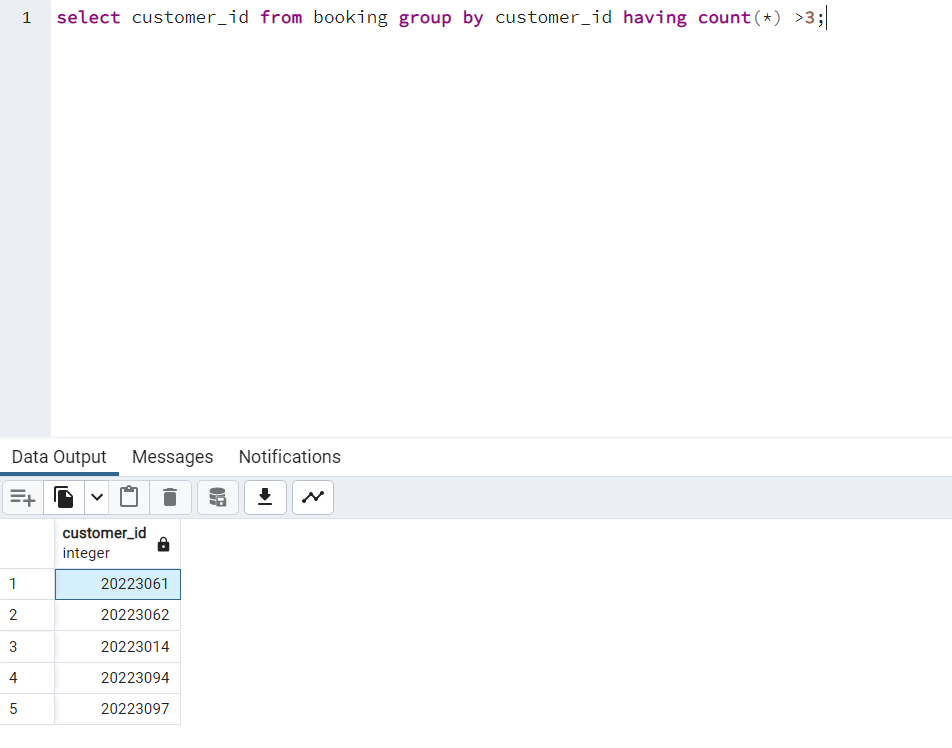
halls join seats On halls.hall\_id = seats.hall\_id where

amount > (select min(amount) from seats));



**36 > Display customer\_id who have booked more then 3 times**

select customer\_id from booking group by customer\_id having count(\*) >3;



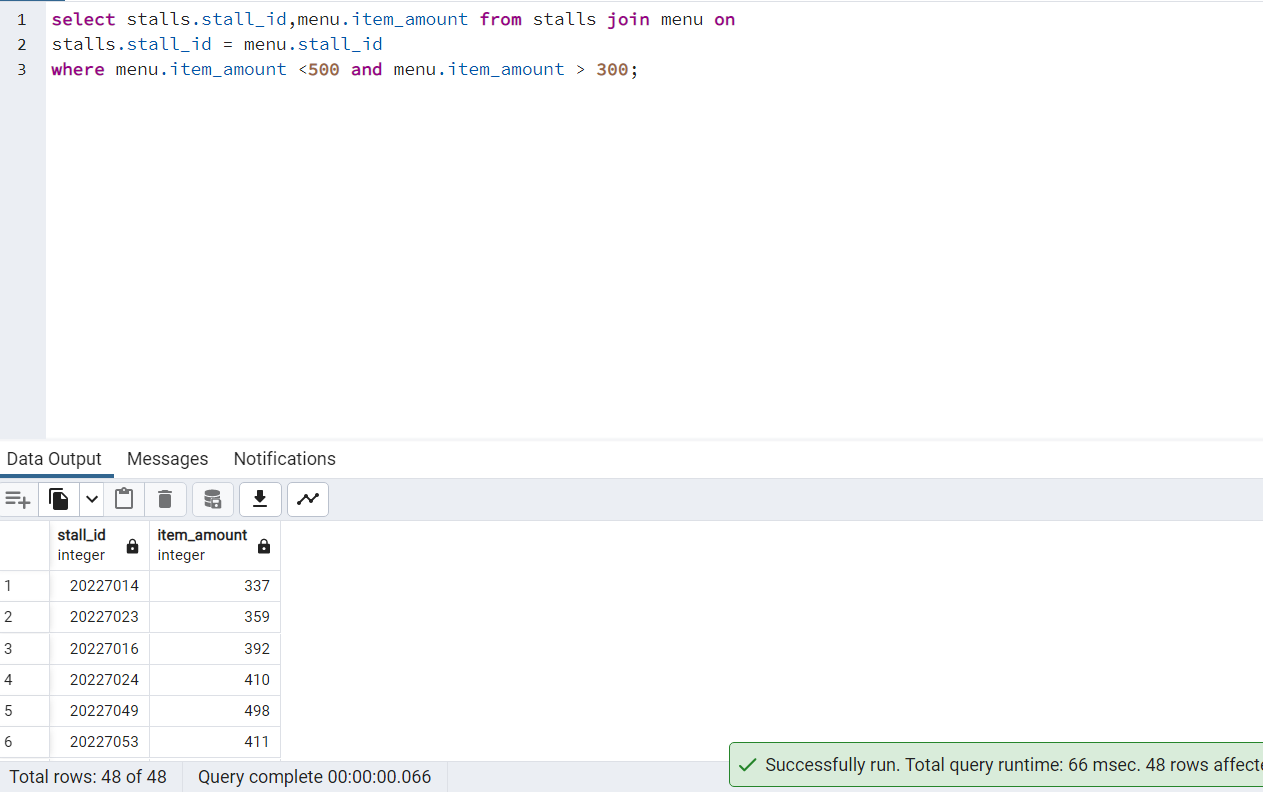
**37> Display stall details and menu item amount where item amount is more than Rs300 and less than Rs500**

select stalls.stall\_id,menu.item\_amount from stalls join menu on

stalls.stall\_id = menu.stall\_id

where menu.item\_amount <500 and menu.item\_amount > 300;

**Output:**

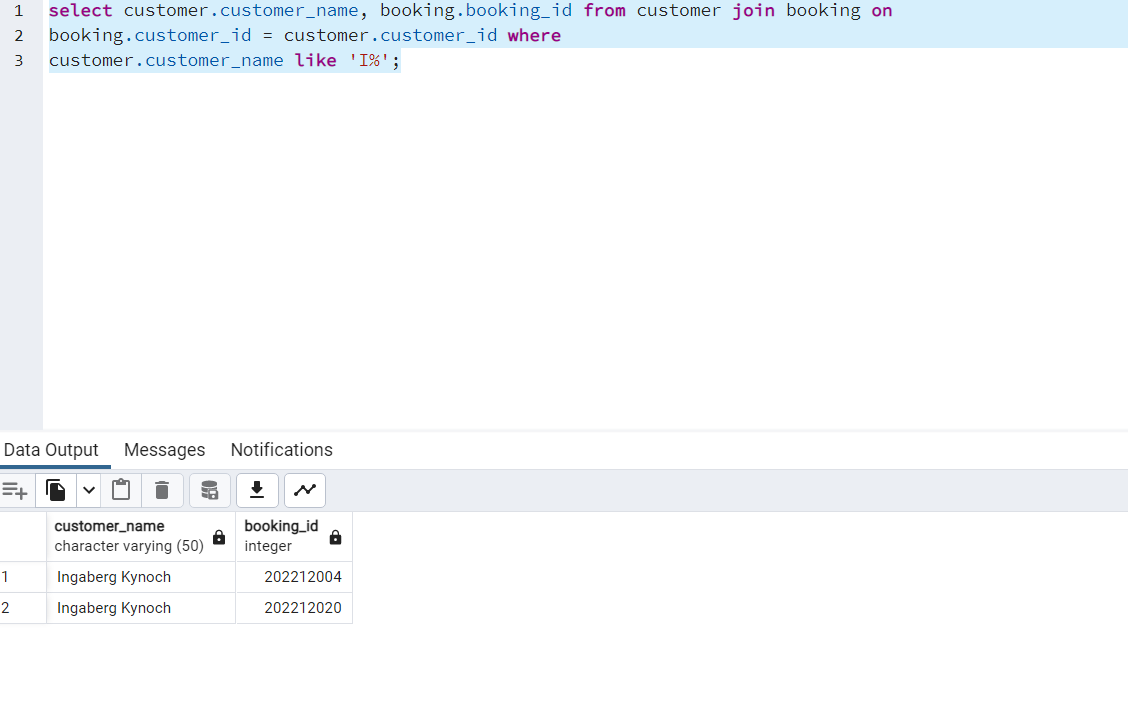
****

**38> DIsplay the booking\_Id details of customer whose name starts with ‘I’.**

select customer.customer\_name, booking.booking\_id from customer join booking on

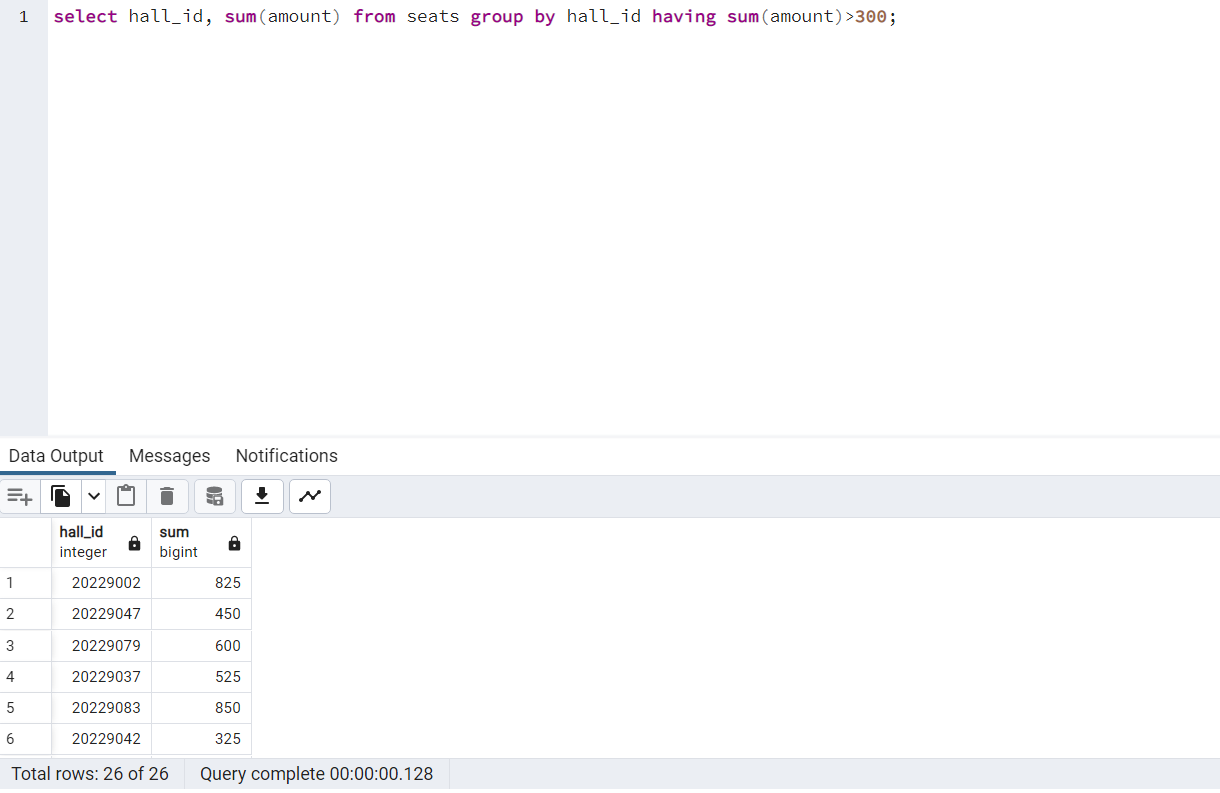
booking.customer\_id = customer.customer\_id where

customer.customer\_name like 'I%';



**39>Find the total sum of amount more then 300 of seat of individual halls**

select hall\_id, sum(amount) from seats group by hall\_id having sum(amount)>300;



**‘**

**40>Display the sum of amount of seats on individual date**

select sh.date\_, sum(s.amount) from shows sh join seats s

ON sh.hall\_id = s.hall\_id group by sh.date\_;

**Output:**

