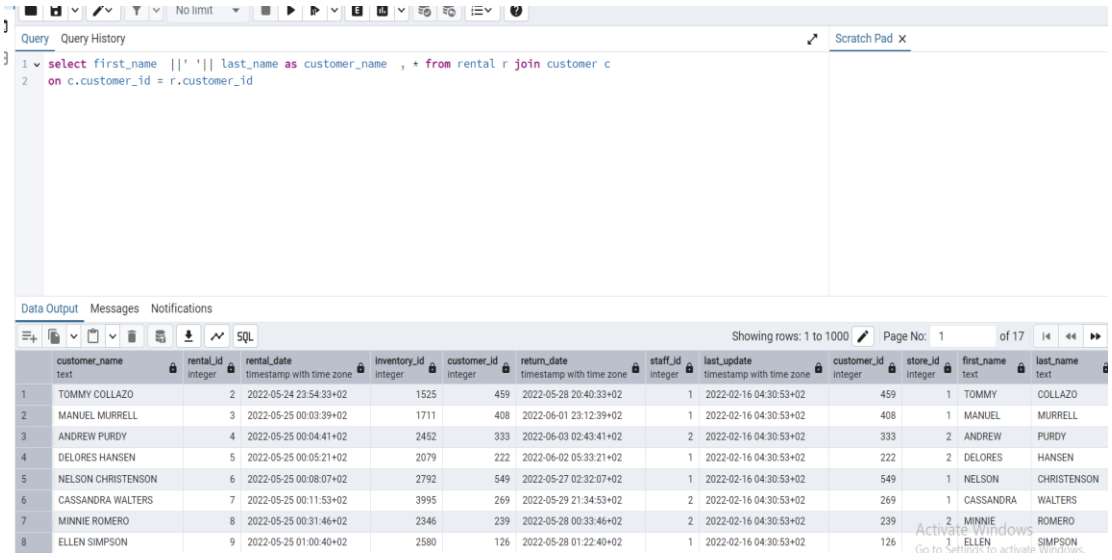
Ahmed Ramadan Elsayed

Postgres Lab 1

1.



```
select first_name  ||' '|| last_name as customer_name  , * from rental r join customer c
on c.customer_id = r.customer_id
```

Query | Query History | Scratch Pad

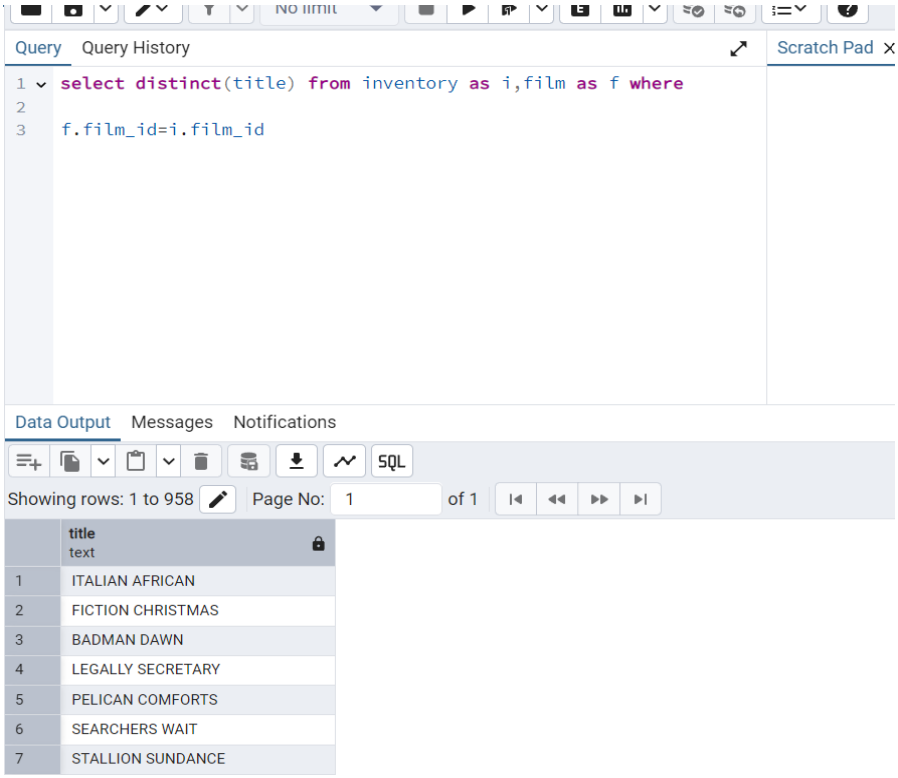
Data Output | Messages | Notifications

Showing rows: 1 to 1000 | Page No: 1 of 17

	customer_name text	rental_id integer	rental_date timestamp with time zone	inventory_id integer	customer_id integer	return_date timestamp with time zone	staff_id integer	last_update timestamp with time zone	customer_id integer	store_id integer	first_name text	last_name text
1	TOMMY COLLAZO	2	2022-05-24 23:54:33+02	1525	459	2022-05-28 20:40:33+02	1	2022-02-16 04:30:53+02	459	1	TOMMY	COLLAZO
2	MANUEL MURRELL	3	2022-05-25 00:03:39+02	1711	408	2022-06-01 23:12:39+02	1	2022-02-16 04:30:53+02	408	1	MANUEL	MURRELL
3	ANDREW PURDY	4	2022-05-25 00:04:41+02	2452	333	2022-06-03 02:43:41+02	2	2022-02-16 04:30:53+02	333	2	ANDREW	PURDY
4	DELORES HANSEN	5	2022-05-25 00:05:21+02	2079	222	2022-06-02 05:33:21+02	1	2022-02-16 04:30:53+02	222	2	DELORES	HANSEN
5	NELSON CHRISTENSON	6	2022-05-25 00:08:07+02	2792	549	2022-05-27 02:32:07+02	1	2022-02-16 04:30:53+02	549	1	NELSON	CHRISTENSON
6	CASSANDRA WALTERS	7	2022-05-25 00:11:53+02	3995	269	2022-05-29 21:34:53+02	2	2022-02-16 04:30:53+02	269	1	CASSANDRA	WALTERS
7	MINNIE ROMERO	8	2022-05-25 00:31:46+02	2346	239	2022-05-28 00:33:46+02	2	2022-02-16 04:30:53+02	239	2	MINNIE	ROMERO
8	ELLEN SIMPSON	9	2022-05-25 01:00:40+02	2580	126	2022-05-28 01:22:40+02	1	2022-02-16 04:30:53+02	126	1	ELLEN	SIMPSON

Activate Windows
Go to Settings to activate Windows.

2.



	title text
1	ITALIAN AFRICAN
2	FICTION CHRISTMAS
3	BADMAN DAWN
4	LEGALLY SECRETARY
5	PELICAN COMFORTS
6	SEARCHERS WAIT
7	STALLION SUNDANCE

3.

uery Query History

```
select first_name ||' ' || last_name as actor_name , film.title
from actor , film_actor ,film where actor.actor_id=film_actor.actor_id
and film_actor.film_id = film.film_id
```

ata Output Messages Notifications

owing rows: 1 to 1000 Page No: 1 of 6

actor_name text	title text
PENELOPE GUINESS	ACADEMY DINOSAUR
PENELOPE GUINESS	ANACONDA CONFESSIONS
PENELOPE GUINESS	ANGELS LIFE
PENELOPE GUINESS	BULWORTH COMMANDMENTS
PENELOPE GUINESS	CHEAPER CLYDE

4.

Query Query History

```
select first_name ||''|| last_name as customer_name , a.address
from customer c , address a
where a.address_id= c.address_id
```

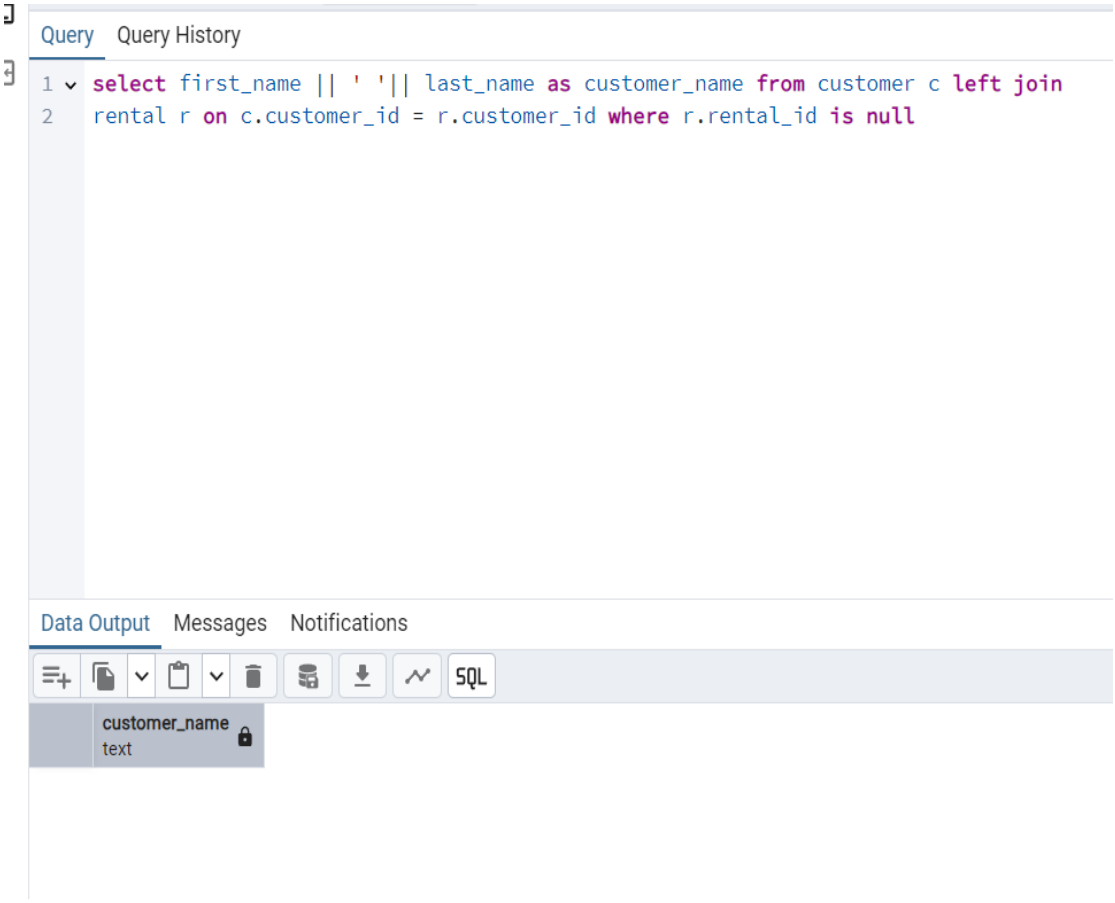
Data Output Messages Notifications

SQL

Showing rows: 1 to 599 Page No: 1 of 1

customer_name text	address text
MARYSMITH	1913 Hanoi Way
PATRICIAJOHNSON	1121 Loja Avenue
LINDAWILLIAMS	692 Joliet Street
BARBARAJONES	1566 Inegl Manor
ELIZABETHBROWN	53 Idfu Parkway

5.


Query
Query History
1 select first_name || ' '|| last_name as customer_name from customer c left join
2 rental r on c.customer_id = r.customer_id where r.rental_id is null
Data Output
Messages
Notifications
SQL
customer_name
text

6.

Query | Query History

```
1 select first_name ||''|| last_name as actor_name from actor a inner join film_actor fa
2 on  a.actor_id = fa.actor_id
3 group by actor_name
4 having count(fa.film_id)>10
```

Data Output | Messages | Notifications

Showing rows: 1 to 199 | Page No: 1 of 1

	actor_name text
1	JAYNESILVERSTONE
2	PENELOPEMONROE
3	JIMMOSTEL
4	BURTTEMPLE
5	KIRKJOVOVICH

7.

Query | Query History

```
1 select film_id , title from film
2 group by film_id,title
3 having rental_rate > (select avg(rental_rate) from film)
```

Data Output | Messages | Notifications

Showing rows: 1 to 659 | Page No: 1 of 1

	film_id [PK] integer	title text
1	828	SPIKING ELEMENT
2	938	VELVET TERMINATOR
3	184	CORE SUIT
4	550	MAGUIRE APACHE
5	394	HAMLET WISDOM

8.

Query | Query History

```
1  select rating ,count(*) from film
2  group by rating
```

Data Output | Messages | Notifications

Showing rows: 1 to 5 | Page No: 1

	rating mpaa_rating	count bigint
1	NC-17	210
2	G	178
3	R	195
4	PG-13	223
5	PG	194

9.

Query | Query History

```
1  select   c.customer_id , first_name || ''|| last_name as customer_name
2  from customer c inner join rental r
3  on c.customer_id = r.customer_id
4  group by c.customer_id,customer_name
5  having count(rental_id) >= 10
6
```

Data Output | Messages | Notifications

Showing rows: 1 to 599 | Page No: 1 of 1

	customer_id [PK] integer	customer_name text
1	314	GEORGELINTON
2	19	RUTHMARTINEZ
3	443	FRANCISCOSKIDMORE
4	408	MANUELMURRELL
5	69	JUDYGRAY