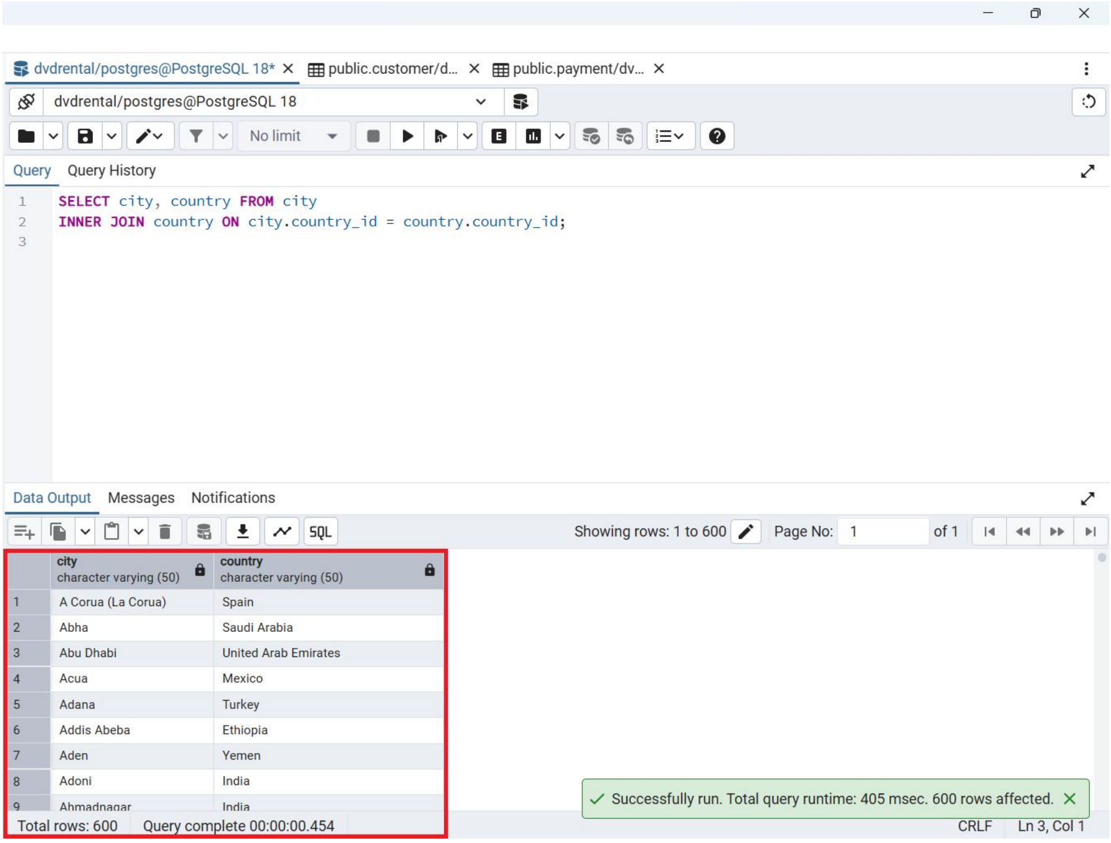
Assignment 9: DVDRental Queries

This assignment focuses on practicing **INNER JOIN operations** using the DVDRental database. The goal is to understand how related tables can be connected through key fields to retrieve combined information.

These exercises strengthen your understanding of **relational data**, **foreign keys**, and how JOINs allow you to merge data from multiple tables in a meaningful way.

Query 1

Description: Retrieve the city and country names together by joining the city and country tables. This query shows how location data is connected through the country_id field.



```sql
SELECT city, country FROM city
INNER JOIN country ON city.country_id = country.country_id;
```

Showing rows: 1 to 600 Page No: 1 of 1

	city character varying (50)	country character varying (50)
1	A Corua (La Corua)	Spain
2	Abha	Saudi Arabia
3	Abu Dhabi	United Arab Emirates
4	Acua	Mexico
5	Adana	Turkey
6	Addis Abeba	Ethiopia
7	Aden	Yemen
8	Adoni	India
9	Ahmadnagar	India

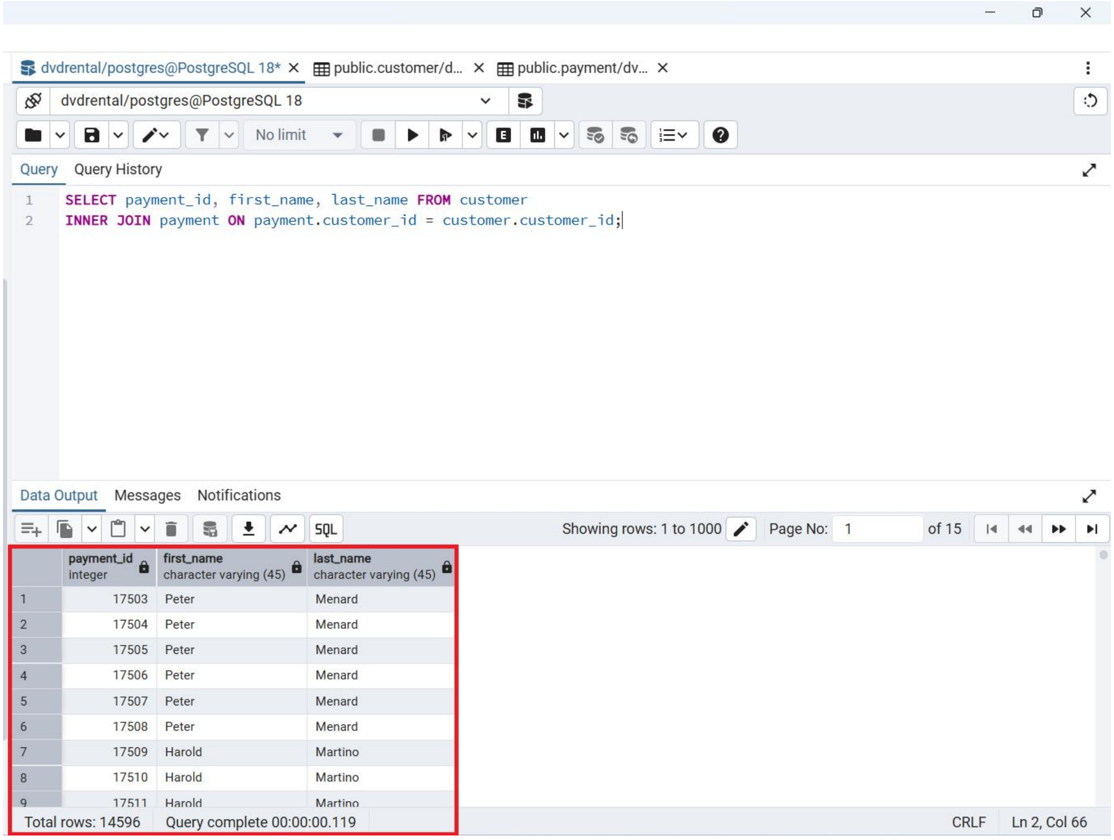
Total rows: 600 Query complete 00:00:00.454

✓ Successfully run. Total query runtime: 405 msec. 600 rows affected.

CRLF Ln 3, Col 1

Query 2

Description: Display each payment's ID along with the customer's first and last name. This query demonstrates how payment records are linked to the customers who made them.



```sql
SELECT payment_id, first_name, last_name FROM customer
INNER JOIN payment ON payment.customer_id = customer.customer_id;
```

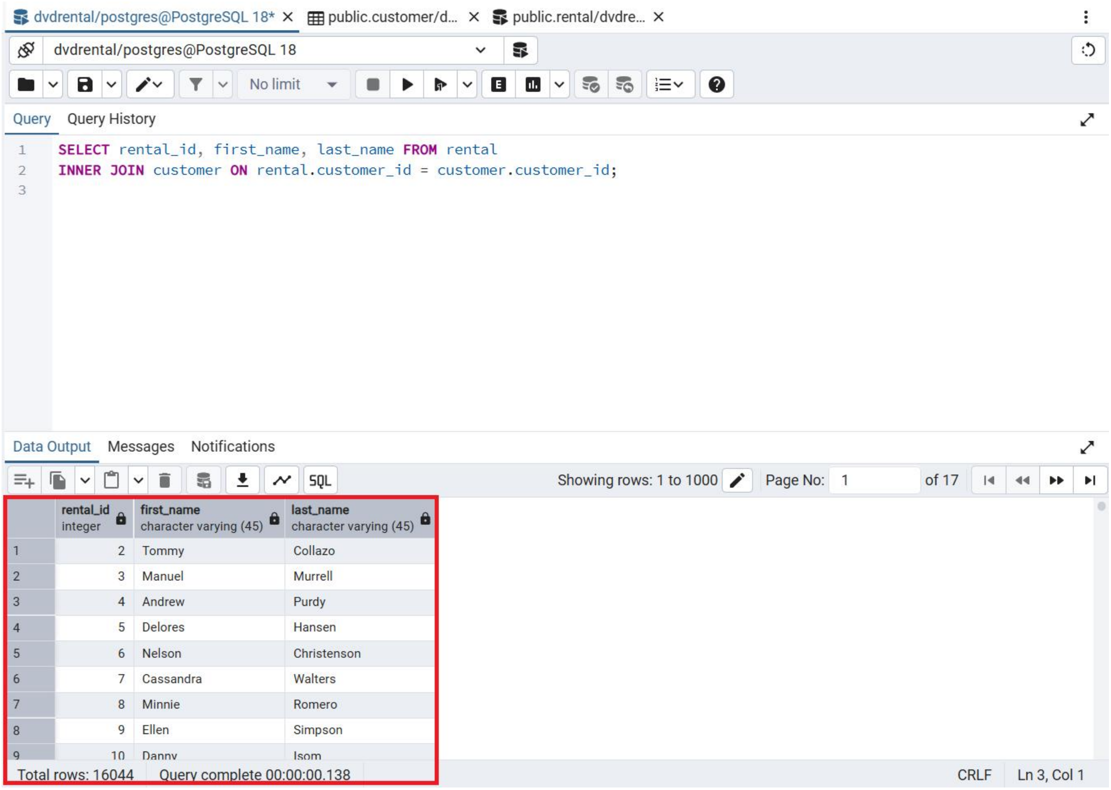
Showing rows: 1 to 1000 Page No: 1 of 15

	payment_id integer	first_name character varying (45)	last_name character varying (45)
1	17503	Peter	Menard
2	17504	Peter	Menard
3	17505	Peter	Menard
4	17506	Peter	Menard
5	17507	Peter	Menard
6	17508	Peter	Menard
7	17509	Harold	Martino
8	17510	Harold	Martino
9	17511	Harold	Martino

Total rows: 14596 Query complete 00:00:00.119 CRLF Ln 2, Col 66

Query 3

Description: List each rental’s ID together with the customer’s first and last name.



```
SELECT rental_id, first_name, last_name FROM rental
INNER JOIN customer ON rental.customer_id = customer.customer_id;
```

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

	rental_id integer	first_name character varying (45)	last_name character varying (45)
1	2	Tommy	Collazo
2	3	Manuel	Murrell
3	4	Andrew	Purdy
4	5	Delores	Hansen
5	6	Nelson	Christenson
6	7	Cassandra	Walters
7	8	Minnie	Romero
8	9	Ellen	Simpson
9	10	Danny	Isom

Total rows: 16044 Query complete 00:00:00.138

CRLF Ln 3, Col 1