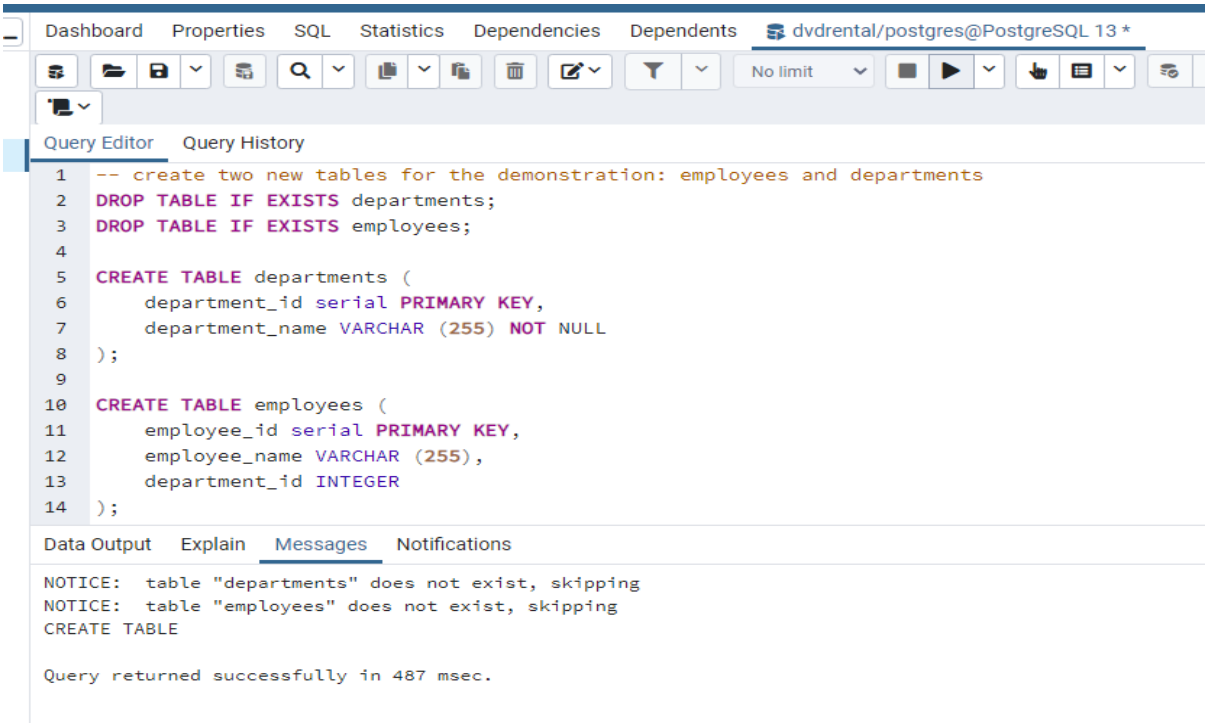
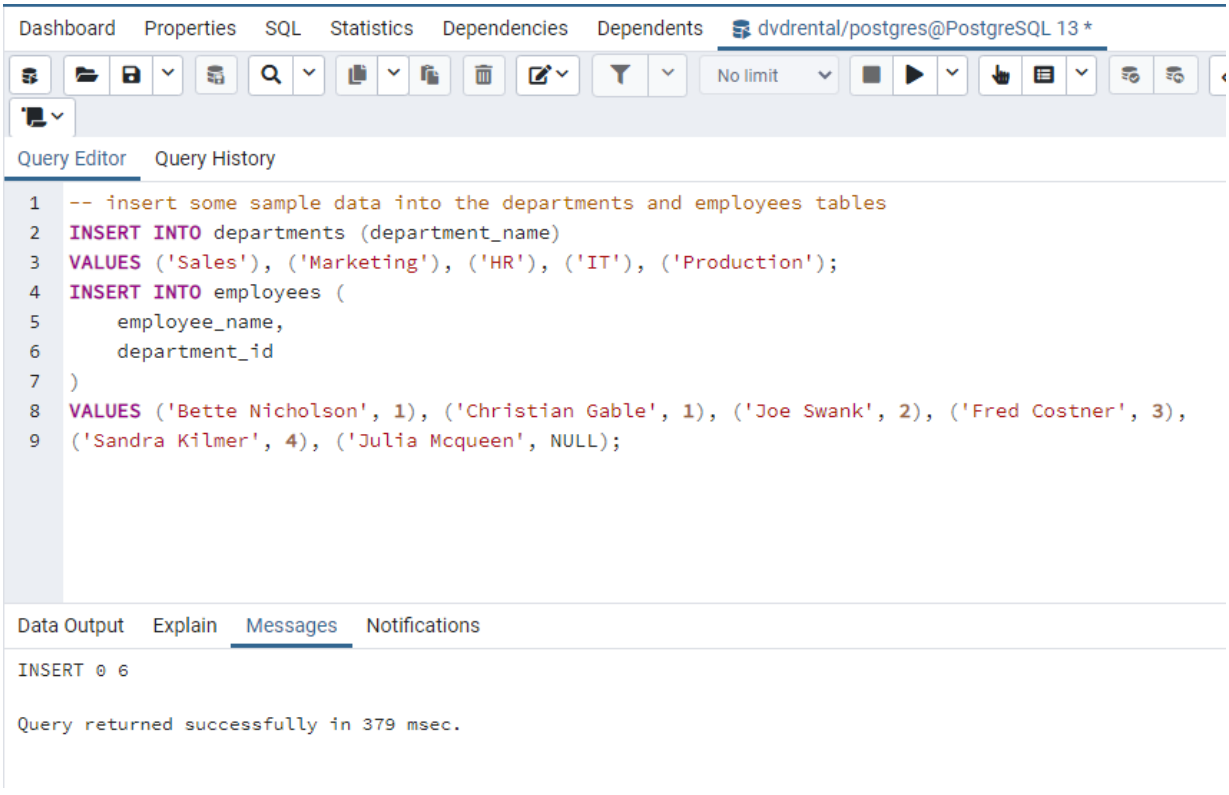
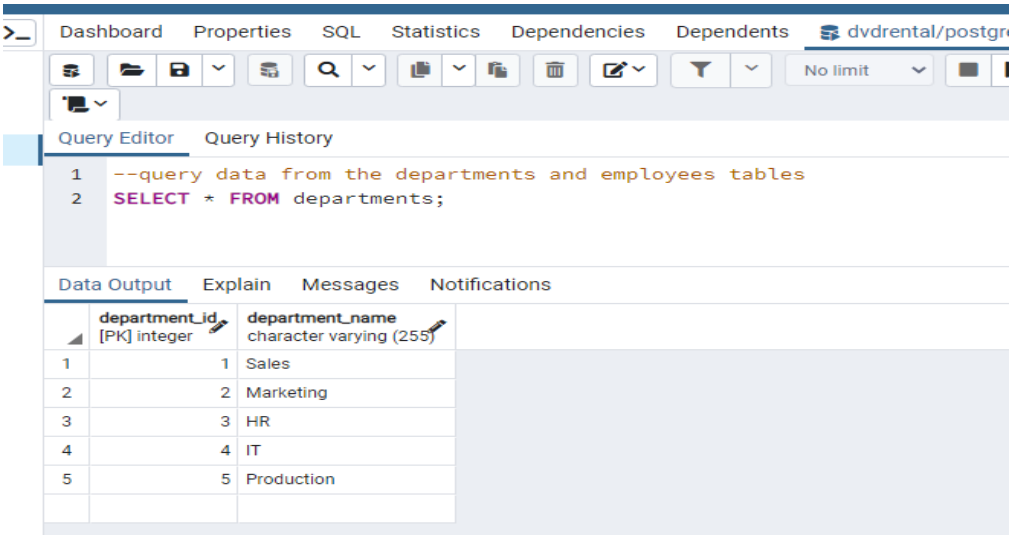
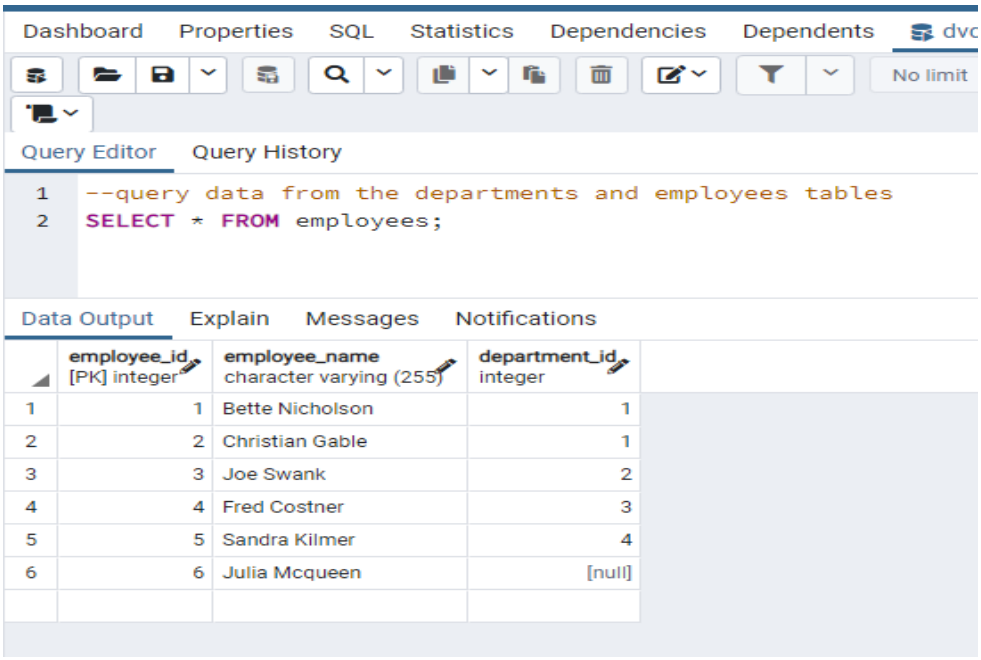
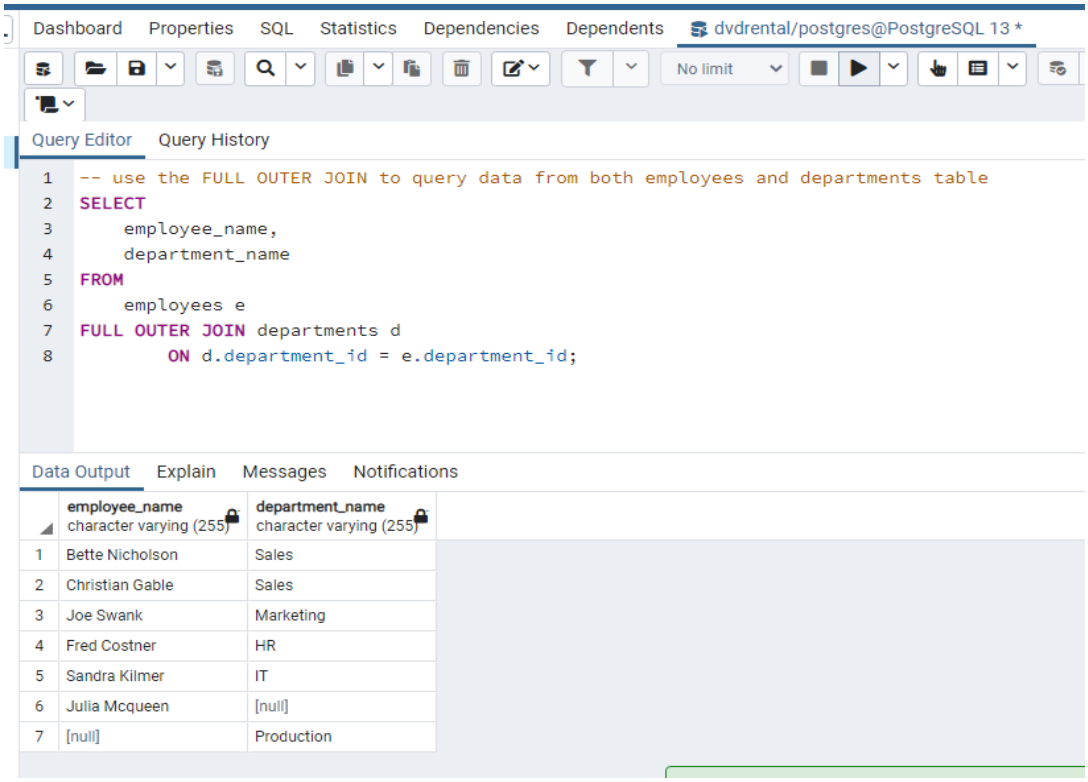
PostgreSQL FULL OUTER JOIN

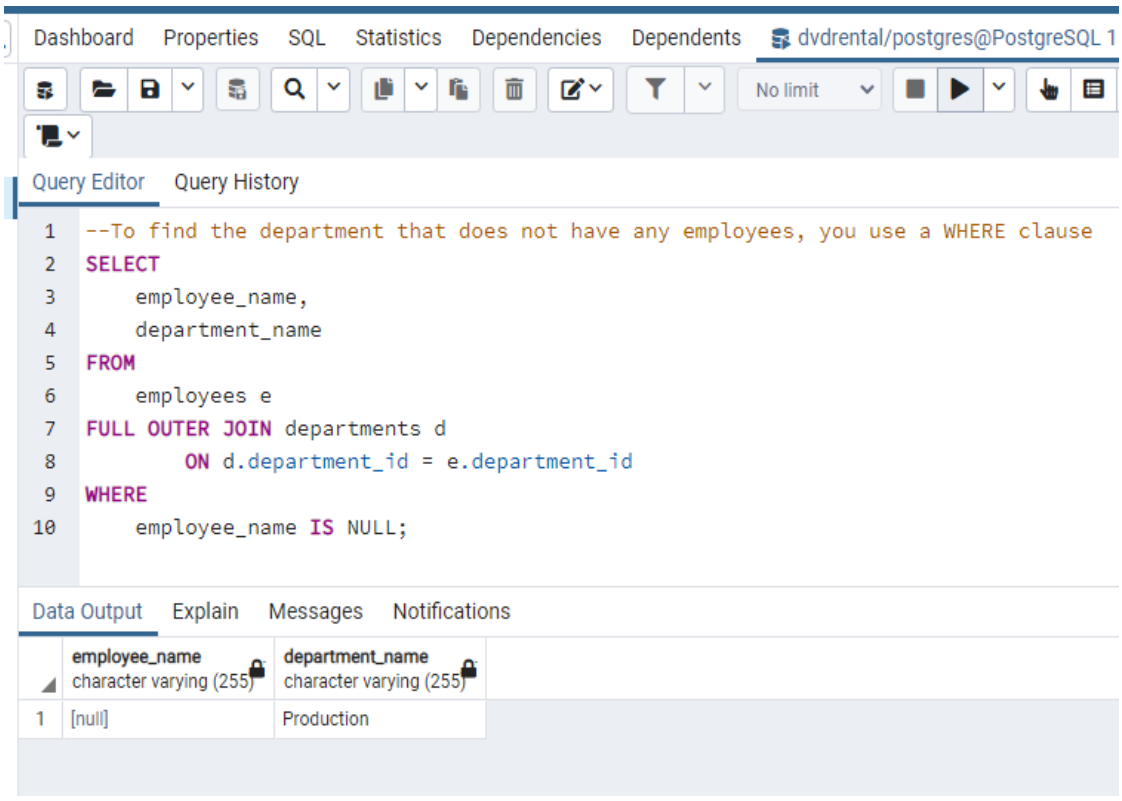


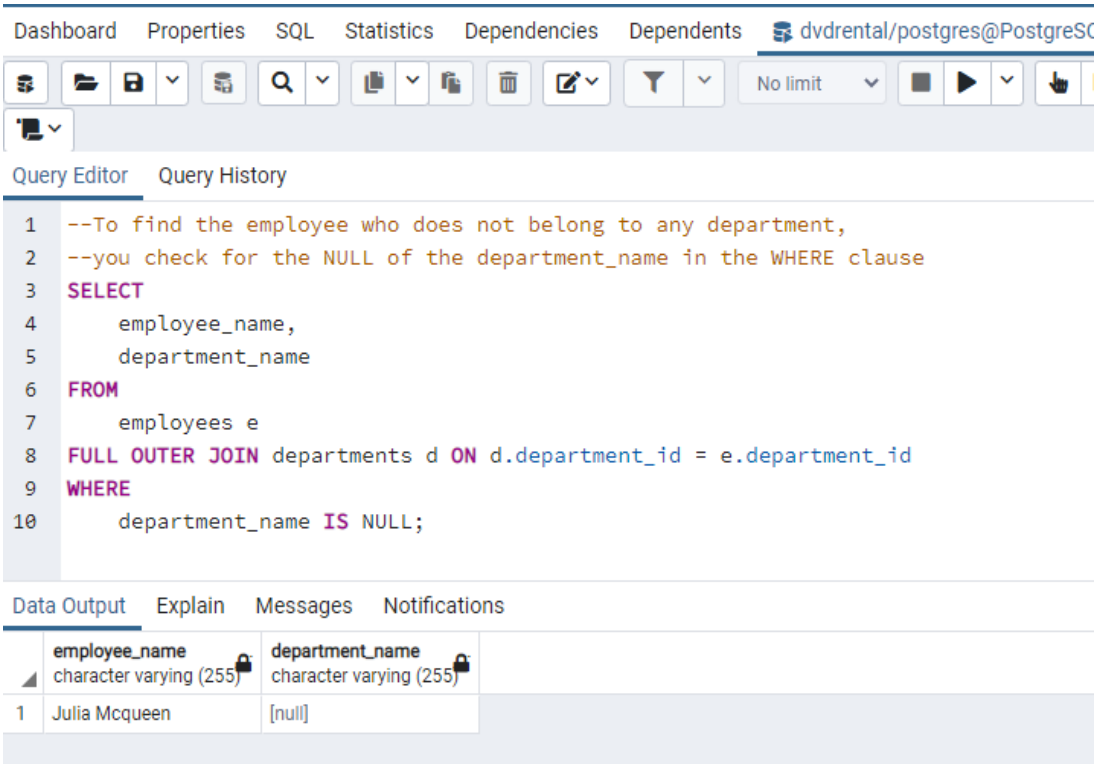



Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
dvdrental/postgr
No limit
Query Editor
Query History
1 --query data from the departments and employees tables
2 SELECT * FROM departments;
Data Output
Explain
Messages
Notifications
department_id [PK] integer
department_name character varying (255)
1 1 Sales
2 2 Marketing
3 3 HR
4 4 IT
5 5 Production


Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
dvd
No limit
Query Editor
Query History
1 --query data from the departments and employees tables
2 SELECT * FROM employees;
Data Output
Explain
Messages
Notifications
employee_id [PK] integer
employee_name character varying (255)
department_id integer
1 1 Bette Nicholson 1
2 2 Christian Gable 1
3 3 Joe Swank 2
4 4 Fred Costner 3
5 5 Sandra Kilmer 4
6 6 Julia Mcqueen [null]


Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
dvdrental/postgres@PostgreSQL 13 *
No limit
Query Editor
Query History
1 -- use the FULL OUTER JOIN to query data from both employees and departments table
2 SELECT
3 employee_name,
4 department_name
5 FROM
6 employees e
7 FULL OUTER JOIN departments d
8 ON d.department_id = e.department_id;
Data Output
Explain
Messages
Notifications
employee_name character varying (255)
department_name character varying (255)
1 Bette Nicholson Sales
2 Christian Gable Sales
3 Joe Swank Marketing
4 Fred Costner HR
5 Sandra Kilmer IT
6 Julia Mcqueen [null]
7 [null] Production


Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
dvdrental/postgres@PostgreSQL 1
No limit
Query Editor
Query History
1 --To find the department that does not have any employees, you use a WHERE clause
2 SELECT
3 employee_name,
4 department_name
5 FROM
6 employees e
7 FULL OUTER JOIN departments d
8 ON d.department_id = e.department_id
9 WHERE
10 employee_name IS NULL;
Data Output
Explain
Messages
Notifications
employee_name character varying (255)
department_name character varying (255)
1 [null] Production


Dashboard
Properties
SQL
Statistics
Dependencies
Dependents
dvdrental/postgres@PostgreSC
No limit
Query Editor
Query History
1 --To find the employee who does not belong to any department,
2 --you check for the NULL of the department_name in the WHERE clause
3 SELECT
4 employee_name,
5 department_name
6 FROM
7 employees e
8 FULL OUTER JOIN departments d ON d.department_id = e.department_id
9 WHERE
10 department_name IS NULL;
Data Output
Explain
Messages
Notifications
employee_name
character varying (255)
department_name
character varying (255)
1
Julia Mcqueen
[null]