

Challenge-7_Conditional_Expressions

1. We want to know and compare the various amounts of films we have per movie rating. Use CASE and the dvdrental database to re-create this table: (“R”, “PG”, “PG_13”)

r	pg	pg13
bigint	bigint	bigint
195	194	223

Query

Query History

```
1 SELECT
2 SUM(CASE rating
3     WHEN 'R' THEN 1
4 END) AS "R",
5 SUM(CASE rating
6     WHEN 'PG' THEN 1
7 END) AS "PG",
8 SUM(CASE rating
9     WHEN 'PG-13' THEN 1
10 END) AS "PG-13"
11 FROM film
```

Data Output

Messages

Notifications

	R bigint	PG bigint	PG-13 bigint
1	195	194	223

2. Create a view from the dvdrental database with customers first name, last name and address.

```
1 CREATE VIEW customer_info AS
2 SELECT first_name, last_name, address FROM customer
3 INNER JOIN address
4 ON customer.address_id = address.address_id;
5
6 SELECT * FROM customer_info
```

Data Output

Messages

Notifications

	first_name character varying (45)	last_name character varying (45)	address character varying (50)
1	Jared	Ely	1003 Qinhuangdao Street
2	Mary	Smith	1913 Hanoi Way
3	Patricia	Johnson	1121 Loja Avenue
4	Linda	Williams	692 Joliet Street
5	Barbara	Jones	1566 Inegl Manor
6	Elizabeth	Brown	53 Idfu Parkway
7	Jennifer	Davis	1795 Santiago de Compostela Way