--Inner join on actyor and film\_actor table

--Question 1: All Customers who live in Texas(use Joins)

**select** customer.last\_name, customer.first\_name, customer.address\_id, address.district

**from** customer

**full** **join** address

**on** customer.address\_id = address.address\_id

**where** district = 'Texas'

Davis Jennifer 10 Texas

Cruz Kim 122 Texas

Mccrary Richard 310 Texas

Hardison Bryan 405 Texas

Still Ian 567 Texas

--Question 2:Get all payments above $6.99 with the Customer Full Name

**select** **concat**(customer.last\_name,' ' ,customer.first\_name) **as** Full\_Name, customer.customer\_id , payment.amount

**from** customer

**full** **join** payment

**on** customer.customer\_id = payment.customer\_id

**where** amount > 6.99;

'Full\_Name', 'customer id', 'amount'

Graf Douglas 343 919.67

Smith Mary 1 478.86

Mcadams Alfredo 567 74.94

Martino Harold 342 81.99

Smith Mary 1 34.95

Smith Mary 1 980.45

Menard Peter 341 130.99

Menard Peter 341 124.99

Menard Peter 341 130.99

Menard Peter 341 125.99

Menard Peter 341 130.99

Menard Peter 341 128.99

Menard Peter 341 123.99

Menard Peter 341 129.99

Deloach Alvin 467 33.44

Menard Peter 341 125.99

Menard Peter 341 123.99

Menard Peter 341 131.99

Menard Peter 341 127.99

Menard Peter 341 127.99

Menard Peter 341 123.99

Menard Peter 341 129.99

Menard Peter 341 127.99

Menard Peter 341 125.99

Menard Peter 341 127.99

Menard Peter 341 123.99

Menard Peter 341 125.99

Menard Peter 341 125.99

Menard Peter 341 132.99

--Question 3: Show all Customers names who made payments over $175(use subqueries)

**select** **Concat**(last\_name,' ',first\_name) **as** Full\_Name, customer\_id

**from** customer

**where** customer\_id **in**(

**select** customer\_id

**from** payment

**where** amount > 175

);

'Full Name' 'customer\_id'

Smith Mary 1

Graf Douglas 343

--Question 4: List all customers that live in Nepal(use the city table)

**select** customer.last\_name, customer.first\_name, customer.address\_id, city.city

**from** customer

**full** **join** address

**on** customer.address\_id = address.city\_id

**full** **join** city

**on** address.city\_id = city.city\_id

**where** city = 'Nepal'

**select** first\_name, last\_name

**from** customer

**where** address\_id **in** (

**select** address\_id

**from** address

**where** city\_id **in** (

**select** city\_id

**from** city

**where** city = 'Nepal'

)

);

'There are no customers in the city of Nepal'

--Question 5: which staff memeber had the most transactions

**select** staff\_id , **count**(staff\_id) **as** tranasction\_count

**from** rental

**group** **by** staff\_id

**order** **by** transaction\_count **desc**;

1 8040

2 8004

--staff\_id 1 has the most transactions

--Question 6: how many movie of each rating are there

**select** rating, **count**(rating)

**from** film

**group** **by** rating;

--NC-17 209

--G 178

--PG-13 224

--PG 194

--R 196

--Question 7: Show all customers who have made a single payment above $6.99

**select** customer.last\_name, customer.first\_name, customer.customer\_id , payment.amount

**from** customer

**full** **join** payment

**on** customer.customer\_id = payment.customer\_id

**where** amount > 6.99;

--Graf Douglas

--Smith Mary

--Mcadams Alfredo

--Martino Harold

--Smith Mary

--Menard Peter

--Deloach Alvin

--Question 8: How many free rentals did our stores give away

**select** **count**(payment.amount) **as** free\_rentals

**from** payment

**full** **join** rental

**on** payment.rental\_id = rental.rental\_id

**where** payment.amount<=0;

'we gave away 14,565 free rentals'