

SQL_Assignment2

1. Find out the number of documentaries with deleted scenes.

Sol. mysql> SELECT title FROM

-> Film INNER JOIN Film_Category

-> ON film.film_id = Film_Category.film_id

-> INNER JOIN Category

-> ON Film_Category.category_id = Category.category_id

-> WHERE

-> Film.special_features = 'Deleted Scenes'

-> &&

-> Category.name = 'Documentary';

2. Find out the number of sci-fi movies rented by the store managed by Jon Stephens.

Sol. mysql> SELECT COUNT(*) AS

Total_Jon_Stephen_Managed_Movies FROM

-> Store INNER JOIN Staff

-> ON Store.manager_staff_id = Staff.staff_id

-> INNER JOIN Rental

-> ON Staff.staff_id = Rental.staff_id

**-> INNER JOIN Inventory ON Rental.inventory_id =
Inventory.inventory_id**

-> INNER JOIN Film_Category

-> **ON Inventory.film_id = Film_Category.film_id**
-> **INNER JOIN Category**
-> **ON Film_Category.category_id = Category.category_id**
-> **WHERE**
-> **Staff.first_name = 'Jon'**
-> **&&**
-> **Staff.last_name = 'Stephens'**
-> **&&**
-> **Category.name = 'Sci-Fi';**

3. Find out the total sales from Animation movies.

Sol. mysql> **SELECT total_sales FROM sales_by_film_category**
-> **WHERE**
-> **category = 'Animation';**

4. Find out the top 3 rented category of movies by “PATRICIA JOHNSON”.

Sol. mysql> **SELECT title FROM**
-> **Film**
-> **INNER JOIN Film_Actor**
-> **ON Film.film_id = Film_Actor.film_id**
-> **INNER JOIN**
-> **Actor**

-> ON Film_Actor.actor_id = Actor.actor_id
-> WHERE
-> Actor.first_name = 'PATRICIA'
-> &&
-> Actor.last_name = 'JOHNSON'
-> ORDER BY rental_rate DESC LIMIT 3;

5. Find out the number of R rated movies rented by “SUSAN WILSON”.

Sol. mysql> SELECT COUNT(*) FROM

-> Customer
-> INNER JOIN Rental
-> ON Customer.customer_id = Rental.customer_id
-> INNER JOIN Inventory
-> ON Rental.inventory_id = Inventory.inventory_id
-> INNER JOIN Film
-> ON Inventory.film_id = Film.film_id
-> WHERE
-> film.rating = 'R'
-> &&
-> Customer.first_name = 'SUSAN'
-> &&
-> Customer.last_name = 'WILSON';