**JOINS ASSIGNMENT**

**1)List the titles of films and the corresponding first and last names of actors who have played roles in those films using inner join on film,film\_actor and actor tables?**

select film.title,actor.first\_name,actor.last\_name from film

inner join film\_actor

on film.film\_id=film.film\_id

inner join actor

on actor.actor\_id=film\_actor.actor\_id;

**2) List the film titles and their respective category name using an INNER JOIN between film and film\_category and category tables.Table name: film**

select film.title from film

inner join film\_category

on film.film\_id=film\_category.film\_id

inner join category

on category.category\_id=film\_category.category\_id;

**3) List the first names, last names, and store IDs of staff members using left join between staff and store tables.Table name: staff**

select staff.first\_name,staff.last\_name,store.store\_id,store.store\_id from staff

left join store

on staff.store\_id=store.store\_id;

**4) List the first and last names of customers, along with the titles of films they have rented and the corresponding rental dates using left join between customer ,rental ,inventory and film tables.Table name: film**

select film.title,customer.first\_name,customer.last\_name,rental.rental\_date from film

left join inventory

on film.film\_id=inventory.inventory\_id

left join customer

on customer.store\_id=inventory.store\_id

left join rental

on rental.customer\_id=customer.customer\_id;

**5) Retrieve the first and last names of actors and their associated awards, including those actors who have awards and their last names start with the letter 'S' using right join between actor and actor\_award tables.Table name: actor**

select actor.first\_name,actor.last\_name,actor\_award.awards from actor

right join actor\_award

on actor.actor\_id=actor\_award.actor\_id

WHERE actor.last\_name like "S%";

**6)List the first and last names of customers, along with the corresponding city and country names, for customers whose first names start with the letter 'J' using right join between customer,address ,city and country tables .Table name: Customer**

select customer.first\_name,customer.last\_name,city.city,country.countrys from country

right join city

on city.country\_id=country.country\_id

right join address

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

right join customer

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

where customer.first\_name like "j%";

**7) List the first and last names of actors who have not appeared in any films assigned to the "Action" category using right join between actor, film\_actor, film, film\_category and category tables.Table name: film**

select actor.first\_name,actor.last\_name from actor

right join film\_actor

on actor.actor\_id=film\_actor.actor\_id

right join category

on category.category\_id=film\_category.category\_id

right join film

on film\_actor.film\_id=film.film\_id

where catergory.namess !="action";