**SQL Query Assignment -1**

1) Find out the PG-13 rated comedy movies.

SELECT film.title ,film.rating from film 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 category.name=’comedy’ AND film.rating=’PG-13’;

2) Find out the TOP-3 rented horror movies.

SELECT film.title , count(customer.customer\_id) AS count\_id 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 INNER JOIN film\_category ON film.film\_id=film\_category.film\_id INNER JOIN category ON category.category\_id=film\_category.category\_id

where category.name=’horror’ GROUP BY film.film\_id

ORDER BY count\_id DESC LIMIT 3;

3) Find out the list of customers from India who have rented sports movies.

SELECT Distinct customer.customer\_id,customer.first\_name, customer.last\_name, category.name, country.country FROM customer INNER JOIN address ON customer.address\_id=address.address\_id INNER JOIN city ON address.city\_id=city.city\_id

INNER JOIN country ON city.country\_id=country.country\_id INNER JOIN rental ON rental.customer\_id=customer.customer\_id INNER JOIN inventory ON inventory.inventory\_id=rental.inventory\_id INNER JOIN film\_category ON film\_category.film\_id=inventory.film\_id INNER JOIN category ON category.category\_id=film\_category.category\_id WHERE country.country='india' and category.name='sports'order by customer.customer\_id ASC;

4) Find out the list of customers from Canada who have rented “NICK WAHLBERG” movies.

SELECT Distinct customer.customer\_id,customer.first\_name, customer.last\_name, country.country FROM customer INNER JOIN address ON customer.address\_id=address.address\_id INNER JOIN city ON address.city\_id=city.city\_id INNER JOIN country ON city.country\_id=country.country\_id INNER JOIN rental ON rental.customer\_id=customer.customer\_id INNER JOIN inventory ON inventory.inventory\_id=rental.inventory\_id INNER JOIN film\_category ON film\_category.film\_id=inventory.film\_id INNER JOIN film\_actor ON film\_actor.film\_id=inventory.film\_id

INNER JOIN actor ON actor.actor\_id=film\_actor.actor\_id

WHERE country.country='canada' AND actor.first\_name='NICK' AND actor.last\_name='WAHLBERG' order by customer.customer\_id ASC;

5)Find out the number of movies in which “SEAN WILLIAMS” acted.

SELECT count(actor.actor\_id) FROM film INNER JOIN film\_actor ON film.film\_id=film\_actor.film\_id

INNER JOIN actor ON actor.actor\_id=film\_actor.actor\_id

WHERE actor.first\_name='SEAN' AND actor.last\_name='WILLIAMS';