**SQL: Sakila database questions**

**Basic Level**

1. List all actors in the database.
2. Retrieve the first and last names of all customers.
3. Find all films with a rating of 'PG'.
4. List the titles of films released in 2006.
5. Count the number of films in the database.
6. Find the email addresses of all customers.
7. List all the unique cities where stores are located.
8. Retrieve the first and last names of all staff members.
9. Find all films that have 'Action' in their category.
10. List the titles of films that have 'Love' in their title.
11. Count the number of customers in each city.
12. Retrieve the first and last names of customers who have rented more than 5 films.
13. Find the average rental rate of all films.
14. List the titles of films that have a rental duration of 7 days.
15. Retrieve the first and last names of customers who have made payments greater than $5.
16. Find the total amount of payments made by each customer.
17. List the titles of films that have a replacement cost greater than $20.
18. Retrieve the first and last names of customers who live in California.
19. Find the titles of films that have been rented in the last month.
20. List the first and last names of customers who have rented films in the last week.
21. Find the titles of films that have a length greater than 120 minutes.
22. Retrieve the first and last names of customers who have not rented any films.
23. List the titles of films that have a rental rate less than $2.
24. Find the names of actors who have appeared in more than 10 films.
25. Retrieve the first and last names of customers who have a balance greater than $10.

**Intermediate Level**

1. Find the total revenue generated by each store.
2. List the titles of films that have never been rented.
3. Retrieve the first and last names of customers who have rented films from both stores.
4. Find the titles of films that have been rented more than 50 times.
5. List the first and last names of customers who have rented films with a rating of 'R'.
6. Find the titles of films that have been rented by customers living in New York.
7. Retrieve the first and last names of customers who have rented films in the last year.
8. List the titles of films that have been rented by more than 20 different customers.
9. Find the average length of all films in each category.
10. Retrieve the first and last names of customers who have rented films with a replacement cost greater than $30.
11. List the titles of films that have been rented by customers who have made payments greater than $10.
12. Find the total number of rentals made by each customer.
13. Retrieve the first and last names of customers who have rented films with a rental duration of 3 days.
14. List the titles of films that have been rented by customers who live in Texas.
15. Find the total amount of payments made by each customer in the last month.
16. Retrieve the first and last names of customers who have rented films with a rating of 'PG-13'.
17. List the titles of films that have been rented by customers who have a balance greater than $20.
18. Find the total revenue generated by each customer.
19. Retrieve the first and last names of customers who have rented films with a rental rate of $4.99.
20. List the titles of films that have been rented by customers who live in Florida.
21. Find the total number of films rented by each customer in the last week.
22. Retrieve the first and last names of customers who have rented films with a length greater than 150 minutes.
23. List the titles of films that have been rented by customers who have made payments in the last 6 months.
24. Find the total amount of payments made by each customer in the last year.
25. Retrieve the first and last names of customers who have rented films with a rental rate less than $1.99.