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PART 1 Each of the below queries will include at least one Join. Read carefully and be sure to think about which columns you can use to Join the necessary tables.

Run the following queries:

1. Write a query to find the first and last name, customer ID and rental ID for customers who have rented a film.

SELECT first\_name, last\_name, rental\_id, customer\_id FROM sakila.customer

INNER JOIN sakila.rental USING (customer\_id)

Table

Description automatically generated

1. Write a query that finds all films with actors that have an actor\_id 5.

SELECT title, actor\_id, first\_name, last\_name FROM sakila.film

JOIN sakila.film\_actor USING (film\_id)

JOIN sakila.actor USING (actor\_id)

WHERE actor\_id = 5

Table

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1. Write a query that lists out all information of every film along with the name of the language for each film, even if a language does not exist for that film.

SELECT \* FROM sakila.language

LEFT OUTER JOIN sakila.film USING (language\_id)

Table

Description automatically generated

1. Write a query that lists out the title of films and the name of the actors who starred in those films. Additionally, only list films that starred artists whose first names start with a vowel.

SELECT title, first\_name, last\_name FROM sakila.film

LEFT OUTER JOIN sakila.film\_actor USING (film\_id)

JOIN sakila.actor USING (actor\_id)

WHERE first\_name LIKE 'A%'

Table

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PART 2: You have just been hired as a Data Analyst for a company that rents films to customers. They would like an inventory list of films that were rented for more than $4.99.

SELECT title, amount, inventory\_id, rental\_id FROM sakila.film

JOIN sakila.inventory USING (film\_id)

JOIN sakila.rental USING (inventory\_id)

JOIN sakila.payment USING (rental\_id)

WHERE amount = 4.99

Table

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