\*\*DVD RENTAL EXAMPLES FROM UDEMY\*\*

SELECT title FROM film

WHERE rental\_rate>4

AND replacement\_cost>=19.99

AND rating= 'R';

SELECT COUNT(title) FROM film

WHERE rental\_rate>4

AND replacement\_cost>=19.99

AND rating= 'R';

SELECT COUNT(\*) FROM film

WHERE rating='R' OR rating='PG-13';

SELECT \* FROM film

WHERE rating!='R';

SELECT store\_id,first\_name,last\_name FROM customer

ORDER BY store\_id DESC, first\_name ASC;

SELECT \* FROM payment

WHERE amount != 0.00

ORDER BY payment\_date DESC

LIMIT 5;

SELECT customer\_id FROM payment

ORDER BY payment\_date ASC

LIMIT 10;

SELECT COUNT(title) FROM film

WHERE length<=50;

SELECT COUNT(\*) FROM payment

WHERE amount NOT BETWEEN 8 AND 9;

SELECT \* FROM payment

WHERE payment\_date BETWEEN '2007-02-01' AND '2007-02-16';

SELECT COUNT(\*) FROM paymentSELECT

WHERE amount NOT IN (.99,1.98,1.99);

SELECT \* FROM customer

WHERE first\_name IN ('John', 'Jake', 'Julie');

SELECT customer\_id,SUM(amount) FROM payment

GROUP BY customer\_id

ORDER BY SUM(amount) DESC;

SELECT DATE(payment\_date),SUM(amount) FROM payment

GROUP BY DATE(payment\_date)

ORDER BY SUM(amount) DESC;

SELECT rating,ROUND(AVG(replacement\_cost),2) FROM film

GROUP BY rating

ORDER BY AVG(replacement\_cost) DESC;

SELECT customer\_id,SUM(amount) FROM payment

GROUP BY customer\_id

ORDER BY SUM(amount) DESC

LIMIT 5;

SELECT customer\_id, staff\_id, SUM(amount) FROM payment

WHERE staff\_id=2

GROUP BY customer\_id,staff\_id

HAVING SUM(amount)>100;

/\*ASSESSMENT TEST 1\*/

/\*1\*/

SELECT customer\_id, staff\_id, SUM(amount) FROM payment

WHERE staff\_id=2

GROUP BY customer\_id,staff\_id

HAVING SUM(amount)>=110;

/\*2\*/

SELECT COUNT(title) FROM film

WHERE title LIKE 'J%';

/\*3\*/

SELECT first\_name,last\_name FROM customer

WHERE first\_name LIKE 'E%' AND address\_id < 500

ORDER BY customer\_id DESC

LIMIT 1;

SELECT payment\_id, payment.customer\_id,first\_name FROM payment

INNER JOIN customer

ON payment.customer\_id = customer.customer\_id;

SELECT \* FROM customer

FULL OUTER JOIN payment

ON customer.customer\_id = payment.customer\_id

WHERE customer.customer\_id IS null OR payment.customer\_id IS null;

SELECT film.film\_id,title,inventory\_id, store\_id FROM film

LEFT OUTER JOIN inventory

ON film.film\_id = inventory.film\_id

WHERE inventory.film\_id IS null;

SELECT customer.address\_id, email,first\_name,last\_name,district FROM customer

INNER JOIN address

ON customer.address\_id =address.address\_id

WHERE district = 'California';

SELECT first\_name, last\_name, title FROM film\_actor

INNER JOIN film

ON film\_actor.film\_id = film.film\_id

INNER JOIN actor

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

WHERE first\_name= 'Nick' AND last\_name='Wahlberg'

SELECT COUNT(TO\_CHAR(payment\_date, 'DY')) AS Mondays

FROM payment

WHERE (TO\_CHAR(payment\_date, 'DY'))= 'MON'

SELECT COUNT(\*)FROM payment

WHERE EXTRACT(DOW FROM payment\_date)=1

SELECT ROUND(rental\_rate/replacement\_cost, 4)\*100 AS percent\_cost FROM film

SELECT UPPER(first\_name) || ' ' || UPPER(last\_name) FROM customer

SELECT UPPER(first\_name) || ' ' || UPPER(last\_name) AS full\_name FROM customer

SELECT LOWER(LEFT(first\_name,1)) || LOWER(last\_name) || '@gmail.com'

AS customer\_email

FROM customer

SELECT title, film\_id FROM film

WHERE film\_id IN

(SELECT inventory.film\_id FROM rental

INNER JOIN inventory

ON inventory.inventory\_id = rental.inventory\_id

WHERE return\_date BETWEEN '2005-05-29' AND '2005-05-30')

ORDER BY film\_id

SELECT first\_name, last\_name FROM customer AS c

WHERE EXISTS (SELECT \* FROM payment AS p

WHERE p.customer\_id = c.customer\_id

AND amount>11)

SELECT f1.title, f2.title length

FROM film AS f1

INNER JOIN film AS f2

ON f1.film\_id != f2.film\_id

AND f1.length = f2.length