Select only film titles that are not in the inventory  
Find Customers who have payment  
Find maximum length of film grouped by film category  
Find the films whose lengths are greater than or equal to the maximum length of any film category  
Find films whose category is either Action or Drama  
(zadatak sa zvezdicom - slicno kao levi9 interview): Find each Staff name for each customer who have payment

1)

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

FROM film

LEFT JOIN inventory

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

WHERE film.title IS NOT NULL;

2)

SELECT customer.customer\_id,

customer.first\_name,

payment.payment\_date

FROM customer

INNER JOIN payment

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

3)

SELECT category.name, MAX(film.length)

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

GROUP BY category.name;

4)

SELECT film.title, film.film\_id, MAX(film.length), film\_category.category\_id

FROM film

INNER JOIN film\_category

On film.film\_id=film\_category.film\_id

WHERE film.length >= MAX(length)

Ovako sam probala, ali izbacuje gresku

5)

SELECT film.title, film\_id, category.name

FROM film

INNER JOIN film\_category

ON film.film\_id=film\_category.film\_id

INNER JOIN category

ON film\_category.cagetory\_id=category.category\_id

WHERE category.name LIKE 'DRAMA' or category.name LIKE 'ACTION'

I ovako

SELECT film.title, film\_id, category.name

FROM film

INNER JOIN film\_category

ON film.film\_id=film\_category.film\_id

INNER JOIN category

ON film\_category.cagetory\_id=category.category\_id

WHERE category.name IN ('Drama','ACTION');

ALI, u oba pokusaja mi izbacuje gresku.

Ono sto vam je bitno na usmenom delu jeste da znate strukturu upite ( SELECT\*FROM table WHERE condition), da napravite relaciju izmedju 2 tabele (JOIN). Postoji vise nacina da se resi svaki od ovih zadataka, neke sam stavljala pod 1) i pod 2), ali opet to ne znaci da je jedino ispravno resenje. Srecno!ZADATAK 1.  
-- Select only film titles that are not in the inventory  
SELECT film.title  
FROM film  
LEFT JOIN inventory  
 ON film.film\_id = inventory.film\_id  
 WHERE inventory\_id IS NULL

Z ADATAK 2.  
-- Find Customers who have payment  
1) SELECT DISTINCT customer.first\_name, customer.last\_name  
FROM customer  
LEFT JOIN payment  
    ON customer.customer\_id = payment.customer\_id  
WHERE payment.amount != 0

ZADATAK 3.  
-- Find maximum length of film grouped by film category

SELECT MAX(film.length), category.name  
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  
GROUP BY category.nameU redu je i ovo resenje:  
SELECT MAX(film.length)  
FROM film  
    INNER JOIN film\_category  
        ON film.film\_id = film\_category.film\_id  
GROUP BY film.length

ZADATAK 4.  
-- Find the films whose lengths are greater than or equal to the maximum length of any film category  
1)SELECT title FROM film WHERE length >= ANY(SELECT MAX( length )  
FROM film INNER JOIN film\_category USING(film\_id) GROUP BY category\_id);ZADATAK 5.  
-- Find films whose category is either Action or Drama  
1) SELECT title, category\_id FROM film INNER JOIN film\_category USING(film\_id)  
WHERE category\_id = ANY(SELECT category\_id FROM category WHERE NAME = 'Action' OR NAME = 'Drama');2)SELECT film.title, category.name  
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 = 'Action' OR category.name = 'Drama'  
ORDER BY category.nameZADATAK 6.  
-- Find each Staff name for each customer who have payment  
SELECT  
    DISTINCT  
    staff.staff\_id AS id,  
    staff.first\_name AS radnik\_ime,  
    staff.last\_name AS radnik\_prezime,  
    COUNT(customer.customer\_id) AS br\_kupaca  
FROM  
    staff  
INNER JOIN payment  
    ON payment.staff\_id = staff.staff\_id  
INNER JOIN customer  
    ON payment.customer\_id = customer.customer\_id  
WHERE payment.amount > 0  
GROUP BY (staff.staff\_id)  
ORDER BY (staff.staff\_id)-- provera  
SELECT COUNT(\*) AS br\_kupaca FROM payment WHERE  
    amount > 0 AND staff\_id = 1;  
SELECT COUNT(\*) AS br\_kupaca FROM payment WHERE  
    amount > 0 AND staff\_id = 2;