SQL Test

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# ZADATAK

Objasniti uzorak: LIKE '%am'

Tražimo ispis koji se završava na ‘am’, a pre tih slova može stajati bilo šta u bilo kom broju.

# ZADATAK

Objasniti koje JMBG trazimo LIKE '\_ \_ 05\_ \_ \_%'

Tražimo JMBG koji ima 7 cifara, od kojih su 0 i 5 na trećem i četvrtom mestu.

# ZADATAK

Izlistajte kao rezultat sve filmove cija je duzina manja od 75min i cija je duzina veca od 160min. Sortirati prikaz prema duzini trajanja fila i to u opadajucem redosledu.

Izlazni rezultat treba da je u formatu:

* naslov\_filma
* duzina\_filma
* godina\_izdanja

SELECT film.title AS naslov\_filma, film.length AS duzina\_filma, film.release\_year AS godina\_izdanja FROM film

WHERE film.length < 75 AND film.length > 160;

GROUP BY film.title

ORDER BY film.title DESC;

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# ZADATAK

Pronaci sve adrese iz tabele address gde je kao opstina (district) oznacen 'Buenos Aires' i gde je postanski kod petocifren.

Izvestaj treba da je u formi:

* adresa
* postanski\_kod

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SELECT address AS adresa, postal\_code AS postanski\_kod FROM address

WHERE district = 'Buenos Aires';

# ZADATAK

Naci naslov najduzeg filma.

Izvestaj treba da je u formi:

* id\_filma
* naslov\_filma
* duzina\_filma

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SELECT film\_id AS id\_filma, title AS naslov\_filma, MAX(length) AS duzina\_filma FROM film

WHERE length IN (SELECT MAX(length) FROM film)

GROUP BY film\_id;

# ZADATAK

Naci sve filmove koji su na italijanskom ('Italian') i mandarinskom ('Mandarin'), bez koriscenja JOIN komande.

Izvestaj treba da je u formi:

* naslov\_filma
* id\_jezika\_filma

SELECT title AS naslov\_filma, language\_id AS id\_jezika\_filma FROM film

WHERE language\_id EXISTS (SELECT name FROM language WHERE name = 'Italian' AND name = 'Mandarin')

ORDER BY title;

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# ZADATAK

Iz tabele address prebrojati po distriktima broj adresa, za koje postoji telefonski broj.

Izvestaj prikazati u formi:

* ime\_distrikta
* broj\_adresa\_sa\_tel

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SELECT district AS ime\_distrikta, COUNT(address) AS broj\_adresa\_sa\_tel FROM address

WHERE EXISTS (SELECT phone FROM address WHERE phone IS NOT NULL)

GROUP BY district

ORDER BY district ASC;

# ZADATAK

Nadji naslove filma za koje vazi da u njima glumi 'Dustin Tautou' i da film pocinje sa 'A' ili 'B'.

Izvestaj prikazati u formi:

* naslov\_filma
* ime\_glumca
* prezime\_glumca

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SELECT film.title AS naslov\_filma, actor.first\_name AS ime\_glumca, actor.last\_name AS prezime\_glumca

FROM film

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

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

WHERE actor.first\_name = 'Dustin' AND actor.last\_name = 'Tautou' AND film.title LIKE 'A%' OR 'B%';

# ZADATAK

Ispisati nazive filmova za sve glumce. Popuniti rezultujuću tabelu rezultatima upita koji povezuje tabele actor, movie. Takodje napisati odgovarajucu SQL komandu za dobijanje rezultne tabele.

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| --- | --- | --- |
| Table**: actor** | |  |
| actor\_id | name | movie\_id |
| 1 | Sylvester Stallone | 3 |
| 2 | Meryl Streep | 1 |
| 3 | Brad Pitt | NULL |
| 4 | Jennifer Aniston | 2 |

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| --- | --- |
| Table**: movie** | |
| movie\_id | title |
| 1 | Ironweed |
| 2 | Along Came Polly |
| 3 | Rocky V |

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| --- | --- | --- |
| Table**: result** | |  |
| actor\_id | movie\_title | actor |
| 1 | Rocky V | Sylvester Stallone |
| 2 | Ironweed | Meryl Streep |
| 3 | NULL | Brad Pitt |
| 4 | Jennifer Aniston | Along Came Polly |

SELECT actor.actor\_id, movie.title AS movie\_title, actor.name AS actor FROM actor

LEFT JOIN movie ON actor.movie\_id = movie.movie\_id

ORDER BY actor\_id ASC;

# ZADATAK

Ispisati imena i prezimena svih glumaca koji su glumili u filmu „Beauty Grease“

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SELECT actor.first\_name AS ime, actor.last\_name AS prezime FROM actor

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

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

WHERE actor.first\_name IN (SELECT title FROM film WHERE title ='Beauty Grease')

ORDER by actor.first\_name, actor.last\_name;

# ZADATAK : BONUS

Koliko ima filmova po kategorijama.

Izvestaj prikazati u formi:

* id\_kategorije
* ime\_kategorije
* broj\_filmova

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SELECT category.category\_id AS id\_kategorije, category.name AS ime\_kategorije, SUM(film.film\_id) AS broj\_filmova

FROM category

INNER JOIN film\_category ON category.category\_id = film\_category.category\_id

INNER JOIN film ON film.film\_id = film\_category.category\_id

GROUP BY category.category\_id

ORDER BY category.category\_id;