## **Databases and SQL – Ex3**

## Question 1:

.a

```
use sakila;

SET SQL_SAFE_UPDATES = 0;
UPDATE film
SET
    original_language_id = FLOOR(RAND() * (6 - 1 + 1) + 1);

SET SQL_SAFE_UPDATES = 1;
```

b. 1 בגלל שיש טבלה נוספת בסאקילה שנקראת "שפה" ושם הפריימרי קי של השפות נע בין 6.

```
f.title,

l.`name` AS `language`,

CASE

WHEN f.original_language_id = f.language_id THEN 'Same'

ELSE j.`name`

END AS `original_language`

FROM

film AS f

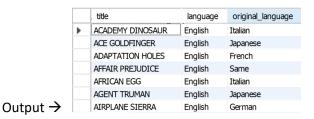
INNER JOIN

`language` AS I ON f.language_id = l.language_id

INNER JOIN

`language` AS j ON f.original_language_id = j.language_id

ORDER BY f.film id;
```



## Question 2:

```
SELECT DISTINCT

c.`name`,

GROUP_CONCAT(DISTINCT (CONCAT(a.first_name, ' ', a.last_name))) AS actors

FROM

category AS c

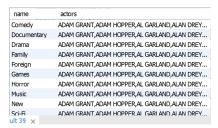
INNER JOIN

film_category AS fc

INNER JOIN

actor AS a ON fc.category_id = c.category_id

GROUP BY c.category_id;
```



Output →