

Day 02

📌 Assume you are given the tables below about Facebook **pages** and **page likes**. Write a query to return the page IDs of all the Facebook pages that don't have any likes. The output should be in ascending order.

```
SELECT
    page_id AS page_IDs
FROM pages
WHERE page_id NOT IN
    (SELECT page_id FROM page_likes);
```

Facebook SQL Interview Question | DataLemur

There are two ways to go about it. Either or can be established between tables and or a subquery can be used to identify which pages have not been liked by any user. The clause starts selecting

 <https://datalemur.com/questions/sql-page-with-no-likes>




DataLemur

📌 Tesla is investigating bottlenecks in their production, and they need your help to extract the relevant data. Write a SQL query that determines which parts have begun the assembly process but are not yet finished.

```
SELECT
    part
FROM parts_assembly
WHERE finish_date IS NULL
GROUP BY part
```


Tesla SQL Interview Question | DataLemur

Tesla is investigating bottlenecks in their production, and they need your help to extract the relevant data. Write a SQL query that determines which parts have begun the assembly process but are

 <https://datalemur.com/questions/tesla-unfinished-parts>




DataLemur

 Find managers with at least 7 direct reporting employees. In situations where user is reporting to himself/herself, count that also. Output first names of managers.

```
SELECT m.first_name AS manager_name
FROM employee e
JOIN employee m ON e.manager_id = m.id
GROUP BY m.id
HAVING COUNT(DISTINCT e.id) >= 7;
```

StrataScratch

 <https://platform.stratascratch.com/coding/9901-super-managers?tabname=question>