

# Q1

## Problem Restatement

You are given:

- `pages` → all Facebook pages
- `page_likes` → records of users liking pages

Find **pages that have zero likes**

Return **only the `page_id`**

Sort in **ascending order**

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## Tables

### `pages`

<code>page_id</code>	<code>page_name</code>
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### `page_likes`

<code>user_id</code>	<code>page_id</code>	<code>liked_date</code>
111	20001	04/08/2022
121	20045	03/12/2022
156	20001	07/25/2022

“We need to find pages from the `pages` table that have no corresponding records in the `page_likes` table.”

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### SQL QUERY ->

```
SELECT p.page_id  
FROM pages p  
LEFT JOIN page_likes pl  
    ON p.page_id = pl.page_id  
WHERE pl.page_id IS NULL  
ORDER BY p.page_id;
```