

Day85 - April 30th 2024

1. Started my day as usual
2. Solved one leetcode problem on Greedy Algorithm..
3. Started working on Tumbling Window Trigger on Azure Data factory

Pls find the my learnings here :

<https://docs.google.com/document/d/1JKXgUIXpKyqccrros0RjuSLVFb4St6PXFWDsgtALtVA/edit?usp=sharing>

4. Ended my day by solving complex SQL question online

The screenshot shows the sql-practice.com website interface. The main area displays a SQL query that has been executed successfully. The query is as follows:

```
1 SELECT * FROM patients
2
3
4 SELECT DISTINCT P.patient_id, CONCAT( P.patient_id,LEN(last_name),YEAR(birth_date)) AS temp_password
5 FROM patients P
6 JOIN admissions A ON A.patient_id = P.patient_id
```

Below the query, a table of results is shown with two columns: patient\_id and temp\_password. The results are as follows:

patient_id	temp_password
1	1101963
3	361957
6	662017
7	761993
8	871952
9	971966
10	1081961
11	1171969
12	1281949
13	1391954
15	1551977

At the bottom of the results table, it says "Showing 1 to 100 of 3382 results".

On the right side of the interface, there is a confirmation message: "You Got The Query Correct". Below this, there is a section titled "Solutions (3/3)" which shows the SQL query used to solve the problem. The query is as follows:

```
SELECT
  pa.patient_id,
  ad.patient_id || FLOOR(LEN(pa.la
FROM patients pa
JOIN admissions ad ON pa.patient
GROUP BY pa.patient_id;
```

The interface also includes a sidebar on the left with links to "SQL Database", "Learning Resources", and "Partnership". The top of the interface shows the website name "sql-practice.com" and a search bar.