### DAY ☀️: \*\*Task – `LIMIT` in SQL\*\*

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Created by :

Name: Dhiraj Kr.

Profession: Data Scientist & GenAI Developer

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### ⚡ Task 1: Show First 2 Records

\*\*Question:\*\* Display the first 2 rows from the `students` table.

\*\*Requirements:\*\*

- Use `LIMIT 2`

**Query : SELECT \* FROM student**

**LIMIT 2**

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### ⚡ Task 2: Show Top 3 Student Names

\*\*Question:\*\* Show only the `name` column for the top 3 students.

\*\*Requirements:\*\*

- Use `SELECT name` and `LIMIT`

**Query : SELECT name FROM student**

**LIMIT 3**

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### ⚡ Task 3: Use LIMIT with ORDER BY

\*\*Question:\*\* Show the top 2 oldest students.

\*\*Requirements:\*\*

- Use `ORDER BY age DESC` and `LIMIT`

**Query : SELECT \* FROM student**

**ORDER BY age DESC**

**LIMIT 3**

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### ⚡ Task 4: Show Top Student from Delhi

\*\*Question:\*\* Display only the first student from `Delhi`.

\*\*Requirements:\*\*

- Use `WHERE city = 'Delhi'` and `LIMIT 1`

**Query : SELECT \* FROM student**

**WHERE city = ‘Delhi’**

**LIMIT 1**

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### ⚡ Task 5: Use LIMIT After Sorting by Name

\*\*Question:\*\* Show 4 students sorted alphabetically by name.

\*\*Requirements:\*\*

- Use `ORDER BY name ASC` with `LIMIT`

**Query : SELECT \* FROM student**

**ORDER BY name**

**LIMIT 4**

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### ⚡ Task 6: Limit with Selected Columns

\*\*Question:\*\* Show only `id` and `city` of top 2 students.

\*\*Requirements:\*\*

- Use `SELECT id, city` and `LIMIT 2`

**Query : SELECT id,city FROM student**

**LIMIT 2**

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### ⚡ Task 7: Insert & Limit

\*\*Question:\*\* Insert a new student `(6, 'Zoya', 23, 'Agra')` and show top 3 students sorted by age.

\*\*Requirements:\*\*

- Use `INSERT`, then `ORDER BY age DESC LIMIT 3`

**Query : INSERT INTO students**

**VALUES(6,’Zoya’,23,’Agra’)**

**SELECT \* FROM student**

**ORDER BY age**

**LIMIT 3**

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### ⚡ Task 8: Limit Without WHERE

\*\*Question:\*\* Display first 5 records from the full table without any condition.

\*\*Requirements:\*\*

- Use only `LIMIT` without `WHERE`

**Query : SELECT \* FROM student**

**LIMIT 5**

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### ⚡ Task 9: Compare with ORDER BY and LIMIT

\*\*Question:\*\* What is the difference in result of:

- `SELECT \* FROM students LIMIT 3;`

- `SELECT \* FROM students ORDER BY age DESC LIMIT 3;`

\*\*Requirements:\*\*

- Try both queries and observe the output order

**SELECT \* FROM students LIMIT 3;**

**It show the first 3 dta in the table**

**SELECT \* FROM students ORDER BY age DESC LIMIT 3;**

**It sort the data in the table by age ,the show the first three records**

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### ⚡ Task 10: Practice on New Table

\*\*Question:\*\* Create a table `books(id, title, price)` and insert 6 records. Show top 2 most expensive books.

\*\*Requirements:\*\*

- Use `ORDER BY price DESC LIMIT 2`

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