### DAY ☀️: \*\*Task – Deleting Data in SQL\*\*

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### ⚡ Task 1: Delete by Name

\*\*Question:\*\* Remove the student whose name is `Rahul`.

\*\*Requirements:\*\*

- Use `DELETE` with `WHERE`

- Table: `students`

**Query : DELETE FROM students**

**WHERE name = 'Rahul';**

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### ⚡ Task 2: Delete by ID

\*\*Question:\*\* Delete the student with ID = 3.

\*\*Requirements:\*\*

- Filter using the `id` column

**Query : DELETE FROM students**

**WHERE id=3;**

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### ⚡ Task 3: Delete by City

\*\*Question:\*\* Remove all students from the city `Chennai`.

\*\*Requirements:\*\*

- Use city condition in `WHERE`

**Query : DELETE FROM students**

**WHERE city = 'Chennai';**

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### ⚡ Task 4: Delete All Data (With Caution)

\*\*Question:\*\* Remove all data from the `students` table.

\*\*Requirements:\*\*

- Use `DELETE` without `WHERE`

- Use only for learning, not in real applications

**Query : DELETE FROM students;**

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### ⚡ Task 5: Delete Based on Age

\*\*Question:\*\* Delete students who are younger than 19 years.

\*\*Requirements:\*\*

- Use comparison operator `<`

**Query : DELETE FROM students**

**WHERE Age <19;**

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### ⚡ Task 6: Delete Using Logical Operator

\*\*Question:\*\* Delete students from `Mumbai` who are 20 years old.

\*\*Requirements:\*\*

- Use `AND` in the condition

**Query : DELETE FROM students**

**WHERE Age =20 AND city = ‘Mumbai’;**

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### ⚡ Task 7: Delete by LIKE

\*\*Question:\*\* Delete all students whose names start with 'P'.

\*\*Requirements:\*\*

- Use `LIKE 'P%'`

**Query : DELETE FROM students**

**WHERE name LIKE 'P%';**

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### ⚡ Task 8: Delete with IN

\*\*Question:\*\* Delete students whose cities are either `Delhi` or `Kolkata`.

\*\*Requirements:\*\*

- Use `IN ('Delhi', 'Kolkata')`

**Query : DELETE FROM students**

**WHERE city IN( 'Delhi', 'Kolkata');**

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### ⚡ Task 9: Delete Using NOT

\*\*Question:\*\* Delete all students who are \*\*not\*\* from `Delhi`.

\*\*Requirements:\*\*

- Use `NOT` in `WHERE`

**DELETE FROM students**

**WHERE city !='Delhi';**

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### ⚡ Task 10: Delete After Insert

\*\*Question:\*\* Insert a student `(6, 'Sneha', 22, 'Bhopal')` and then delete her record.

\*\*Requirements:\*\*

- Perform both `INSERT` and `DELETE`

**Query : INSERT INTO students**

**VALUES(6,'Sneha',22,'Bhopal',40);**

**DELETE FROM students**

**WHERE id= 6;**

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