### DAY ☀️: \*\*Task – SELECT in SQL\*\*

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### ⚡ Task 1: Select All Data

\*\*Question:\*\* Write a query to display all columns from the `students` table.

\*\*Requirements:\*\*

- Use `SELECT \*`

- Table: `students`

**Query: SELECT \* FROM `students\_table` WHERE 1**

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### ⚡ Task 2: Select a Specific Column

\*\*Question:\*\* Show only the `name` of all students.

\*\*Requirements:\*\*

- Use column selection

- Do not use `\*`

---**Query : SELECT Name FROM students\_table;**

### ⚡ Task 3: Select Multiple Columns

\*\*Question:\*\* Display the `name` and `city` columns from the `students` table.

\*\*Requirements:\*\*

- Use comma-separated column names

---**Query : SELECT Name,City FROM students\_table;**

### ⚡ Task 4: Select with WHERE Condition

\*\*Question:\*\* Show all details of students who live in `Delhi`.

\*\*Requirements:\*\*

- Use `WHERE` with `SELECT`

---**Query : SELECT \***

**FROM students\_table**

**WHERE City = 'Delhi';**

### ⚡ Task 5: Select with Comparison

\*\*Question:\*\* Display students whose age is greater than 18.

\*\*Requirements:\*\*

- Use `SELECT` with `WHERE` and `>` operator

---**Query : SELECT \***

**FROM students\_table**

**WHERE Age > 18;**

### ⚡ Task 6: Select and Order

\*\*Question:\*\* Show all students ordered by `age` in ascending order.

\*\*Requirements:\*\*

- Use `ORDER BY` clause

---**Query : SELECT \***

**FROM students\_table**

**ORDER BY Age;**

### ⚡ Task 7: Select with LIMIT

\*\*Question:\*\* Display only the first 2 student records.

\*\*Requirements:\*\*

- Use `LIMIT` clause

---**Query : SELECT \***

**FROM students\_table**

**LIMIT 2;**

### ⚡ Task 8: Select Distinct Cities

\*\*Question:\*\* Show all unique city names from the `students` table.

\*\*Requirements:\*\*

- Use `DISTINCT` keyword

---**Query : SELECT DISTINCT(City)**

**FROM students\_table;**

### ⚡ Task 9: Select with Aliases

\*\*Question:\*\* Display `name` as `Student\_Name` and `city` as `Location`.

\*\*Requirements:\*\*

- Use `AS` for column alias

---**Query : SELECT Name AS Student\_Name ,City AS Location**

**FROM students\_table;**

### ⚡ Task 10: Select with All Columns and Condition

\*\*Question:\*\* Show all details of students aged 20 or more and living in `Mumbai`.

\*\*Requirements:\*\*

- Use `SELECT \*` with `WHERE` and `AND`

---**Query : SELECT \* FROM students\_table**

**WHERE Age >= 20 AND City = 'Mumbai';**

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