**Task: Online Store Database**

1. **Create a database** called online\_store.
2. **Create a table** products with columns:
   * product\_id (Primary Key, Auto Increment)
   * product\_name (NOT NULL)
   * category (like 'Electronics', 'Clothing', 'Books')
   * price
   * stock\_quantity
   * created\_at (default current timestamp)
3. **Insert at least 10 products** across different categories.

**Queries to Practice**

**Basic SELECT:**

* Show all products.
* Show only product\_name and price.
* Show products where price > 500.
* Show products from category = 'Electronics'.

**Filtering & Sorting:**

* Show products with price between 100 and 500.
* Show products whose names start with 'S'.
* Show distinct categories.
* Show products ordered by price (descending).
* Show top 3 cheapest products.

**Aggregates:**

* Count total products.
* Count how many products are in "Clothing".
* Find the average price of all products.
* Find the most expensive and cheapest product.
* Find total stock quantity of "Electronics".

**Updates & Deletes:**

* Update the stock of one product (e.g., reduce it by 5).
* Delete all products with price < 100.

**Alter Table:**

* Add a brand column.
* Rename price to unit\_price.
* Drop the brand column.