

. **PROJECT TOPIC: Online Shopping System**

 **Database Name: ShopDB**

 **Collections:** Customers, Products, Orders, Category, Payments

---

1. Insert five sample documents into the **Customers** collection with fields: customer\_id, name, email, phone, city.
2. Insert five sample records into the **Products** collection with fields: product\_id, product\_name, category\_id, price, stock.
3. Insert five sample records into the **Orders** collection with fields: order\_id, customer\_id, product\_id, order\_date, quantity, status.
4. Insert five records into the **Category** collection with fields: category\_id, category\_name.
5. Insert five records into the **Payments** collection with fields: payment\_id, order\_id, mode, amount, payment\_date.
6. Display all customer details.
7. Show only the names and cities of all customers.
8. Display all products whose price is greater than 2000.
9. List all customers who belong to the city "Mumbai".
10. Display products whose stock is between 5 and 20.
11. List orders with status = "Delivered".
12. Display products sorted by price in descending order.
13. Sort customers alphabetically by name.

14. Show top 3 most expensive products using a limit.
15. Skip the first 2 customers and display the next customers.
16. Count the total number of products.
17. Find the highest price among all products.
18. Count the number of customers city-wise.
19. Calculate the total payment amount received from the Payments collection.
20. Find the average stock of all products.
21. Count orders grouped by status (Delivered, Pending, Cancelled).
22. Display total product stock grouped by category.
23. Update the email of the customer whose name = "Aarav".
24. Reduce the stock of a product after an order by decreasing 5 from its stock value.
25. Delete all cancelled orders from the Orders collection.