


MySQL Assignment: Simple Questions on JOINS & VIEWS

 **Submission Deadline:** [Insert Date]

 **Objective:** Learn the basics of **JOINS** and **VIEWS** in MySQL using simple queries.

◆ Database Schema

The database consists of three tables:

1. **Customer** (customer_id, name, email, city)
 2. **Product** (product_id, product_name, price)
 3. **OrderDetails** (order_id, customer_id, product_id, quantity, order_date)
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◆ Part 1: Simple JOINS (5 Questions)


Q1. Retrieve all orders along with customer names and product names.

Q2. List all customers who have placed an order.

Q3. Show all orders along with product prices.

Q4. Get a list of all products that have been ordered at least once.

Q5. Retrieve the total quantity of products ordered by each customer.

 **Hint:** Use JOIN, INNER JOIN, and GROUP BY where needed.

◆ Part 2: Simple VIEWS (5 Questions)


Q6. Create a view named CustomerOrders that shows customer names and their order count.

Q7. Create a view named ProductSales that displays product names and total quantity sold.

Q8. Create a view named RecentOrders that contains all orders from the last 7 days.

Q9. Create a view named HighQuantityOrders that shows orders where quantity is greater than 3.

Q10. Create a view named CustomerDetails that includes customer name, email, and city.

 **Hint:** Use CREATE VIEW, JOIN, and WHERE for filtering data.