

HEXAWARE PHASE-2 FOUNDATION TRAINING

ASSIGNMENT-1

TASK-2: SQL QUERIES

1. Retrieve names and emails of all customers

```
SELECT FirstName, LastName, Email FROM Customers;
```

2. List all orders with their order dates and corresponding customer names

```
SELECT O.OrderID, O.OrderDate, C.FirstName, C.LastName  
FROM Orders O  
JOIN Customers C ON O.CustomerID = C.CustomerID;
```

3. Insert a new customer

```
INSERT INTO Customers (FirstName, LastName, Email, Phone, Address)  
VALUES ('Arun', 'Raj', 'arunraj@gmail.com', '9845098765', '23 MG Road, Chennai');
```

4. Increase prices by 10%

```
UPDATE Products SET Price = Price * 1.10;
```

5. Delete an order and its order details

```
DELETE FROM OrderDetails WHERE OrderID = @OrderID;  
DELETE FROM Orders WHERE OrderID = @OrderID;
```

6. Insert a new order

```
INSERT INTO Orders (CustomerID, OrderDate, TotalAmount)  
VALUES (3, '2025-03-11', 14999);
```

7. Update customer contact info

```
UPDATE Customers SET Email = @NewEmail, Address = @NewAddress WHERE CustomerID =  
@CustomerID;
```

8. Recalculate total order amount

UPDATE Orders

```
SET TotalAmount = (SELECT SUM(P.Price * OD.Quantity)
                    FROM OrderDetails OD
                    JOIN Products P ON OD.ProductID = P.ProductID
                    WHERE OD.OrderID = Orders.OrderID);
```

9. Delete all orders for a customer

```
DELETE FROM OrderDetails WHERE OrderID IN (SELECT OrderID FROM Orders WHERE
CustomerID = @CustomerID);
DELETE FROM Orders WHERE CustomerID = @CustomerID;
```

10. Insert a new product

```
INSERT INTO Products (ProductName, Description, Price) VALUES ('Wireless Router', 'Dual-band
high-speed router', 3499);
```

11. Update order status

```
UPDATE Orders SET Status = @NewStatus WHERE OrderID = @OrderID;
```

12. Update number of orders per customer

```
ALTER TABLE Customers ADD OrderCount INT DEFAULT 0;
UPDATE Customers SET OrderCount = (SELECT COUNT(*) FROM Orders WHERE
Customers.CustomerID = Orders.CustomerID);
```