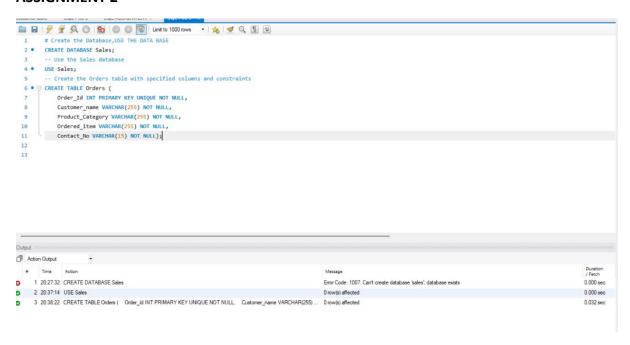
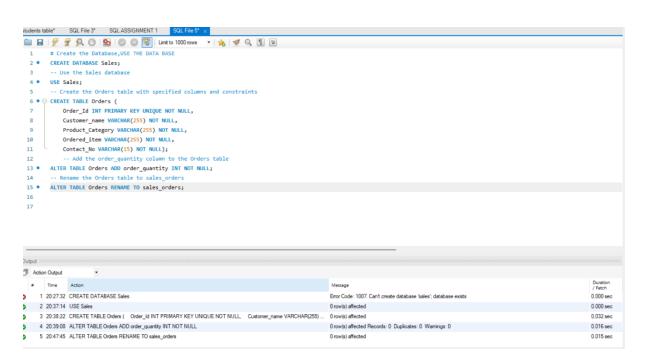
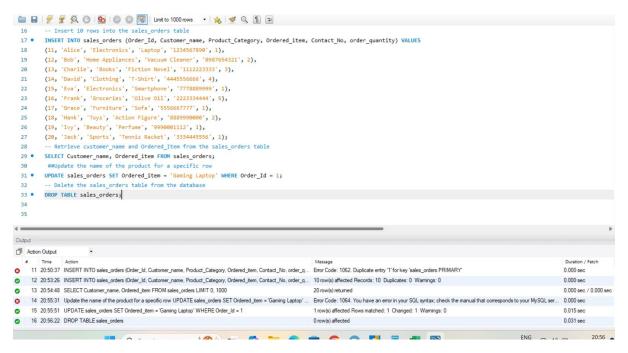
## **SQL DDL CONSTRAINTS**

## **ASSIGNMENT 2**





```
Customer_name VARCHAR(255) NOT NULL,
             Product_Category VARCHAR(255) NOT NULL,
10
             Ordered_item VARCHAR(255) NOT NULL,
 11
             Contact_No VARCHAR(15) NOT NULL);
 12
              -- Add the order_quantity column to the Orders table
 13 • ALTER TABLE Orders ADD order_quantity INT NOT NULL;
           - Rename the Orders table to sales_orders
 15 • ALTER TABLE Orders RENAME TO sales_orders;
 16
          -- Insert 10 rows into the sales orders table
 17 • INSERT INTO sales_orders (Order_Id, Customer_name, Product_Category, Ordered_item, Contact_No, order_quantity) VALUES
         (11, 'Alice', 'Electronics', 'Laptop', '1234567890', 1),
 19
         (12, 'Bob', 'Home Appliances', 'Vacuum Cleaner', '0987654321', 2),
         (13, 'Charlie', 'Books', 'Fiction Novel', '1112223333', 3),
 20
         (14, 'David', 'Clothing', 'T-Shirt', '4445556666', 4),
 21
         (15, 'Eva', 'Electronics', 'Smartphone', '7778889999', 1),
 23
         (16, 'Frank', 'Groceries', 'Olive Oil', '2223334444', 5),
         (17, 'Grace', 'Furniture', 'Sofa', '5556667777', 1),
 24
         (18, 'Hank', 'Toys', 'Action Figure', '8889990000', 2),
         (19, 'Ivy', 'Beauty', 'Perfume', '9990001112', 1),
         (20, 'Jack', 'Sports', 'Tennis Racket', '3334445556', 1);
 27
output ::::
Action Output
 # Time Action
3 20.48.28 INSERT INTO sales_orders (Order_Id, Customer_name, Product_Category, Ordered_item, Contact_No, order_quanti... Error Code: 1062. Duplicate entry '1'for key 'sales_orders PRIMARY'
                                                                                                                                                                                                          0.0
     9 20.48:28 INSERT INTO sales_orders (Order_Id, Customer_name, Product_Category, Ordered_item, Contact_No, order_quanti... Error Code: 1062. Duplicate entry '1' for key 'sales_orders. PRIMARY
                                                                                                                                                                                                          0.0
10 20.49.49 INSERT INTO sales_orders (Order_Id, Customer_name, Product_Category, Ordered_item, Contact_No, order_quanti... Error Code: 1062. Duplicate entry '1' for key 'sales_orders.PRIMARY'
                                                                                                                                                                                                          0.0
    11 20:50:37 INSERT INTO sales orders (Order Id, Customer name, Product Category, Ordered Item, Contact, No, order quanti... Error Code: 1062. Duplicate entry '1' for key 'sales orders. PRIMARY'
                                                                                                                                                                                                          0.0
12 20:53:26 INSERT INTO sales_orders (Order_ld, Customer_name, Product_Category, Ordered_item, Contact_No, order_quanti... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0
                                                                                                                                                                                                          0.0
(16, 'Frank', 'Groceries', 'Olive Oil', '2223334444', 5),
(17, 'Grace', 'Furniture', 'Sofa', '5556667777', 1),
 23
          (18, 'Hank', 'Toys', 'Action Figure', '8889990000', 2),
 26
         (19, 'Ivy', 'Beauty', 'Perfume', '9990001112', 1),
 27
         (20, 'Jack', 'Sports', 'Tennis Racket', '3334445556', 1);
             Retrieve customer_name and Ordered_Item from the sales_orders table
 29 • SELECT Customer_name, Ordered_item FROM sales_orders;
 Export: Wrap Cell Content: TA
                                                                                                                                                                                                         Customer_name Ordered_item
   Alice Laptop
Bob Vacuum Cleaner
Charlie Fiction Novel
David T-Shirt
   Alice
                   Smartphone
   Frank Olive Oil
   Hank Action Figure
                  Perfume
Tennis Racket
   Alice
                   Laptop
   Bob
                  Vacuum Cleaner
Output .....
Action Output
                                                                                                                                                                                                  Duration / Fetc
                                                                                                                                                                                                 0.000 sec
📀 8 20.48.28 INSERT INTO sales_orders (Order_id, Customer_name, Product_Category, Ordered_item, Contact_No, order_q... Error Code: 1062. Duplicate entry '1' for key 'sales_orders.PRIMARY'
      9 20:48:28 INSERT INTO sales_orders (Order_Id, Customer_name, Product_Category, Ordered_item, Contact_No, order_q... Error Code: 1062. Duplicate entry '1' for key 'sales_orders PRIMARY'
                                                                                                                                                                                                 0.000 sec
5 10 20:49:49 INSERT INTO sales_orders (Order_id, Customer_name, Product_Category, Ordered_item, Contact_No, order_q,... Error Code: 1062. Duplicate entry '1' for key 'sales_orders.PRIMARY'
                                                                                                                                                                                                 0.000 sec
     11 20:50:37 INSERT INTO sales_orders (Order_id, Customer_name, Product_Category, Ordered_item, Contact_No, order_q... Error Code: 1062. Duplicate entry 'T' for key 'sales_orders.PRIMARY'
2 20.53:26 INSERT INTO sales_orders (Order_id, Customer_name, Product_Category, Ordered_item, Contact_No, order_q... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0
                                                                                                                                                                                                 0.000 sec
   13 20:54:48 SELECT Customer name, Ordered item FROM sales orders LIMIT 0, 1000
                                                                                                        20 row(s) returned
                                                                                                                                                                                                 0.000 sec / 0.0
```



## **SUMMERY**

These commands will create your database and table, modify it as specified, insert data, retrieve data, update a row, and finally delete the table. Make sure you have the necessary permissions and a suitable SQL environment to execute these commands.