

### CREATED DATABASE "SALES" AND CREATED NEW TABLE "ORDERS"

MySQL Workbench - Local instance MySQL80

Navigator: Filter objects

- entri\_dd41
- sales
  - Tables
  - Views
  - Stored Procedures
  - Functions
- school
- sys

SQL File 4\*  
SQL File 4\*  
SQL File 4\*  
Limit to 1000 rows

```
6 Order_Id INT PRIMARY KEY UNIQUE NOT NULL,  
7 Customer_name VARCHAR(255) NOT NULL,  
8 Product_Category VARCHAR(255) NOT NULL,  
9 Ordered_item VARCHAR(255) NOT NULL,  
10 Contact_No VARCHAR(15) NOT NULL  
11 );  
12 desc orders;
```

Result Grid

Field	Type	Null	Key	Default	Extra
Order_Id	int	NO	PRI		
Customer_name	varchar(255)	NO			
Product_Category	varchar(255)	NO			
Ordered_item	varchar(255)	NO			
Contact_No	varchar(15)	NO			

Administration Schemas

Information

No object selected

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	11:36:53	CREATE DATABASE Sales	1 row(s) affected	0.000 sec
2	11:36:56	USE Sales	0 row(s) affected	0.000 sec
3	11:37:05	CREATE TABLE Orders ( Order_Id INT PRIMARY KEY UNIQUE NOT NULL, Customer_name V...	0 row(s) affected	0.047 sec
4	11:38:35	desc sales	Error Code: 1146. Table 'sales.sales' doesn't exist	0.000 sec
5	11:38:43	desc orders	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

CLE - DET Game score

11:38 AM 11/10/2024

### ADDED NEW COLUMN NAMED "ORDER\_QUANTITY" TO TABLE

MySQL Workbench - Local instance MySQL80

Navigator: Filter objects

- entri\_dd41
- sales
  - Tables
  - Views
  - Stored Procedures
  - Functions
- school
- sys

SQL File 4\*  
SQL File 4\*  
SQL File 4\*  
Limit to 1000 rows

```
6 Order_Id INT PRIMARY KEY UNIQUE NOT NULL,  
7 Customer_name VARCHAR(255) NOT NULL,  
8 Product_Category VARCHAR(255) NOT NULL,  
9 Ordered_item VARCHAR(255) NOT NULL,  
10 Contact_No VARCHAR(15) NOT NULL  
11 );  
12 desc orders;
```

Result Grid

Field	Type	Null	Key	Default	Extra
Order_Id	int	NO	PRI		
Customer_name	varchar(255)	NO			
Product_Category	varchar(255)	NO			
Ordered_item	varchar(255)	NO			
Contact_No	varchar(15)	NO			
order_quantity	int	NO			

Administration Schemas

Information

No object selected

Result 2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	11:36:56	USE Sales	0 row(s) affected	0.000 sec
3	11:37:05	CREATE TABLE Orders ( Order_Id INT PRIMARY KEY UNIQUE NOT NULL, Customer_name ...	0 row(s) affected	0.047 sec
4	11:38:35	desc sales	Error Code: 1146. Table 'sales.sales' doesn't exist	0.000 sec
5	11:38:43	desc orders	5 row(s) returned	0.000 sec / 0.000 sec
6	11:41:10	ALTER TABLE Orders ADD order_quantity INT NOT NULL	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec
7	11:42:01	desc orders	6 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

35°C Sunny

11:42 AM 11/10/2024

### RENAMED THE ORDERS TABLE TO SALES\_ORDER

MySQL Workbench interface showing the process of renaming the 'Orders' table to 'Sales\_order'.

**SQL File 4:**

```
15 ALTER TABLE Orders ADD order_quantity INT NOT NULL;
16
17 -- Renaming order_table to Sales_order
18
19 ALTER TABLE Orders RENAME TO sales_orders;
20
21 desc sales_orders;
22
```

**Result Grid:**

Field	Type	Null	Key	Default	Extra
Order_Id	int	NO	PRI	NULL	
Customer_name	varchar(255)	NO		NULL	
Product_Category	varchar(255)	NO		NULL	
Ordered_item	varchar(255)	NO		NULL	
Contact_No	varchar(15)	NO		NULL	
order_quantity	int	NO		NULL	

**Action Output:**

#	Time	Action	Message	Duration / Fetch
5	11:38:43	desc orders	5 row(s) returned	0.000 sec / 0.000 sec
6	11:41:10	ALTER TABLE Orders ADD order_quantity INT NOT NULL	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec
7	11:42:01	desc orders	6 row(s) returned	0.000 sec / 0.000 sec
8	11:43:30	ALTER TABLE Orders RENAME TO sales_orders	0 row(s) affected	0.031 sec
9	11:43:35	desc orders	Error Code: 1146. Table 'sales.orders' doesn't exist	0.000 sec
10	11:43:52	desc sales_orders	6 row(s) returned	0.000 sec / 0.000 sec

### INSERTED 10 ROWS INTO SALES\_ORDERS TABLE

MySQL Workbench interface showing the process of inserting 10 rows into the 'Sales\_order' table.

**SQL File 4:**

```
31 (6, 'Dileep', 'Sports', 'Tennis Racket', '6789012345', 3),
32 (7, 'Mohanlal', 'Electronics', 'Laptop', '7890123456', 4),
33 (8, 'Krishna', 'Toys', 'Doll', '8901234567', 4),
34 (9, 'Sulaiman', 'Books', 'Science Book', '9012345678', 1),
35 (10, 'Nakulan', 'Clothing', 'Jeans', '0123456789', 2);
36
37 select * from sales_orders;
38
```

**Result Grid:**

Order_Id	Customer_name	Product_Category	Ordered_item	Contact_No	order_quantity
1	Alice	Electronics	Smartphone	1234567890	1
2	Osho	Books	Fiction Novel	2345678901	4
3	Peter	Clothing	T-shirt	3456789012	3
4	Michael	Home Appliances	Blender	4567890123	2
5	Suresh	Beauty	Face Cream	5678901234	2
6	Dileep	Sports	Tennis Racket	6789012345	3
7	Mohanlal	Electronics	Laptop	7890123456	4
8	Krishna	Toys	Doll	8901234567	4
9	Sulaiman	Books	Science Book	9012345678	1
10	Nakulan	Clothing	Jeans	0123456789	2

**Action Output:**

#	Time	Action	Message	Duration / Fetch
7	11:42:01	desc orders	6 row(s) returned	0.000 sec / 0.000 sec
8	11:43:30	ALTER TABLE Orders RENAME TO sales_orders	0 row(s) affected	0.031 sec
9	11:43:35	desc orders	Error Code: 1146. Table 'sales.orders' doesn't exist	0.000 sec
10	11:43:52	desc sales_orders	6 row(s) returned	0.000 sec / 0.000 sec
11	11:47:19	INSERT INTO sales_orders (Order_Id, Customer_name, Product_Category, Ordered_item, Contact_No, order_quantity)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.015 sec
12	11:47:38	select * from sales_orders LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

### RETRIVED CUSTOMER\_NAE AND ORDERED\_ITEM FROM SALES\_ORDER TABLE

MySQL Workbench interface showing a query executed on the 'sales\_orders' table. The query retrieves customer names and ordered items.

```
SELECT Customer_name, Ordered_item FROM sales_orders;
```

The result grid displays the following data:

Customer_name	Ordered_item
Alice	Smartphone
Osho	Fiction Novel
Peter	T-shirt
Michael	Blender
Suresh	Face Cream
Dileep	Tennis Racket
Mohanlal	Laptop
Krishna	Doll
Sulaman	Science Book
Nakulan	Jeans

The output pane shows the execution log, including the successful execution of the SELECT query.

### USED UPDATE COMMAND TO CHANGE THE NAME OF PRODUCT FROM ANY ROW

MySQL Workbench interface showing an UPDATE query executed on the 'sales\_orders' table. The query updates the 'Ordered\_item' for a specific row.

```
UPDATE sales_orders SET Ordered_item = 'Updated sports' WHERE Order_Id = 3;
```

The result grid displays the updated data:

Order_Id	Customer_name	Product_Category	Ordered_item	Contact_No	order_quantity
1	Alice	Electronics	Smartphone	1234567890	1
2	Osho	Books	Fiction Novel	3456789012	1
3	Peter	Clothing	Updated sports	3456789012	3
4	Michael	Home Appliances	Blender	4567890123	2
5	Suresh	Beauty	Face Cream	5678901234	2
6	Dileep	Sports	Tennis Racket	6789012345	3
7	Mohanlal	Electronics	Laptop	7890123456	4
8	Krishna	Toys	Doll	8901234567	4
9	Sulaman	Books	Science Book	9012345678	1
10	Nakulan	Clothing	Jeans	0123456789	2

The output pane shows the execution log, including the successful execution of the UPDATE query.

## DROPPED THE SALES\_ORDER TABLE FROM DATABASE

The screenshot displays the MySQL Workbench interface. On the left, the 'SCHEMAS' pane shows a tree view with 'sales' highlighted. The main editor shows a SQL script with the following content:

```
36
37 • select * from sales_orders;
38
39 -- Retriving customer_name and ordered_item from sales_orders table
40
41 • SELECT Customer_name, Ordered_item FROM sales_orders;
42
43 -- updating command to change the name of the product for any row
44
45 • UPDATE sales_orders SET Ordered_item = 'Updated sports' WHERE Order_Id = 3;
46
47 -- Deleting sales_ordertable
48
49 • drop table sales_orders;
50
51
52
53
54
55
56
57
58
59
60
```

The 'Output' pane at the bottom shows the execution results:

#	Time	Action	Message	Duration / Fetch
✓ 12	11:47:38	select * from sales_orders LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓ 13	11:49:40	SELECT Customer_name, Ordered_item FROM sales_orders LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓ 14	11:50:43	UPDATE sales_orders SET Ordered_item = 'Updated sports' WHERE Order_Id = 3	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
✓ 15	11:50:50	select * from sales_orders LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
✓ 16	11:52:48	drop table sales_orders	0 row(s) affected	0.015 sec
✗ 17	11:52:54	select * from sales_orders LIMIT 0, 1000	Error Code: 1146. Table 'sales sales_orders' doesn't exist	0.000 sec