Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 9

Server version: 8.0.34 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database MakeMytrip;

Query OK, 1 row affected (0.04 sec)

mysql> Use MakeMytrip;

Database changed

mysql> CREATE TABLE OrderTable (

-> orderId INT PRIMARY KEY,

-> productName VARCHAR(255),

-> price DECIMAL(10, 2)

-> );

Query OK, 0 rows affected (0.06 sec)

mysql> CREATE TABLE CustomerTable (

-> customerId INT PRIMARY KEY,

-> customerName VARCHAR(255),

-> region VARCHAR(255)

-> );

Query OK, 0 rows affected (0.01 sec)

mysql> CREATE TABLE SalesTable (

-> saleId INT PRIMARY KEY,

-> orderId INT,

-> customerId INT,

-> quantity INT,

-> FOREIGN KEY (orderId) REFERENCES OrderTable(orderId),

-> FOREIGN KEY (customerId) REFERENCES CustomerTable(customerId)

-> );

Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO OrderTable (orderId, productName, price) VALUES

-> (1, 'Flight Ticket', 150.00),

-> (2, 'Hotel Booking', 200.00),

-> (3, 'Car Rental', 50.00);

Query OK, 3 rows affected (0.01 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> INSERT INTO CustomerTable (customerId, customerName, region) VALUES

-> (1, 'John Doe', 'East'),

-> (2, 'Jane Doe', 'West'),

-> (3, 'Alice Smith', 'East');

Query OK, 3 rows affected (0.00 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> INSERT INTO SalesTable (saleId, orderId, customerId, quantity) VALUES

-> (1, 1, 1, 2),

-> (2, 2, 2, 1),

-> (3, 3, 3, 3);

Query OK, 3 rows affected (0.01 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> SELECT productName, COUNT(\*)

-> FROM OrderTable

-> GROUP BY productName

-> HAVING COUNT(\*) > 1;

Empty set (0.01 sec)

mysql> SELECT productName

-> FROM OrderTable

-> ORDER BY price DESC

-> LIMIT 1;

+---------------+

| productName |

+---------------+

| Hotel Booking |

+---------------+

1 row in set (0.00 sec)

mysql> SELECT region

-> FROM CustomerTable

-> INNER JOIN SalesTable ON CustomerTable.customerId = SalesTable.customerId

-> INNER JOIN OrderTable ON SalesTable.orderId = OrderTable.orderId

-> ORDER BY OrderTable.price DESC

-> LIMIT 1

-> ;

+--------+

| region |

+--------+

| West |

+--------+

1 row in set (0.00 sec)

mysql> SELECT region, customerName, COUNT(\*) AS travelCount

-> FROM CustomerTable

-> INNER JOIN SalesTable ON CustomerTable.customerId = SalesTable.customerId

-> GROUP BY region, customerName

-> ORDER BY travelCount DESC

-> LIMIT 1;

+--------+--------------+-------------+

| region | customerName | travelCount |

+--------+--------------+-------------+

| East | John Doe | 1 |

+--------+--------------+-------------+

1 row in set (0.00 sec)

mysql>