

Assessment Database

Customer Table:

```
CREATE TABLE Customer (
    customer_id INT,
    cust_name VARCHAR(50),
    city VARCHAR(50),
    grade INT,
    salesman_id INT
);
```

```
INSERT INTO Customer VALUES
(3002, 'Nick Rimando', 'New York', 100, 5001),
(3007, 'Brad Davis', 'New York', 200, 5001),
(3005, 'Graham Zusi', 'California', 200, 5002),
(3008, 'Julian Green', 'London', 300, 5002),
(3004, 'Fabian Johnson', 'Paris', 300, 5006),
(3009, 'Geoff Cameron', 'Berlin', 100, 5003),
(3003, 'Jozy Altidore', 'Moscow', 200, 5007),
(3001, 'Brad Guzan', 'London', NULL, 5005);
```

Salesman Table:

```
CREATE TABLE Salesman (
    salesman_id INT,
    name VARCHAR(50),
    city VARCHAR(50),
    commission DECIMAL(3,2)
);
```

INSERT INTO Salesman VALUES

```
(5001, 'James Hoog', 'New York', 0.15),
(5002, 'Nail Knite', 'Paris', 0.13),
(5005, 'Pit Alex', 'London', 0.11),
(5006, 'Mc Lyon', 'Paris', 0.14),
(5007, 'Paul Adam', 'Rome', 0.13),
(5003, 'Lauson Hen', 'San Jose', 0.12);
```

Join Query:

SELECT

```
c.cust_name AS Customer,
c.city AS City,
s.name AS Salesman,
s.commission AS Commission
FROM Customer c
JOIN Salesman s ON c.salesman_id = s.salesman_id;
```

Output:

The screenshot shows the phpMyAdmin interface with the following details:

- Server:** 127.0.0.1 | **Database:** shop
- Navigation Bar:** Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, Triggers, Tracking, Designer, Central columns.
- Query Result:**
 - Status Bar:** Showing rows 0 - 7 (8 total), Query took 0.0004 seconds.
 - Warning:** Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.
 - SQL Query:** SELECT c.cust_name AS Customer_Name, c.city AS Customer_City, s.name AS Salesman_Name, s.commission AS Commission FROM Customer c JOIN Salesman s ON c.salesman_id = s.salesman_id;
 - Buttons:** Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
 - Table Headers:** Customer_Name, Customer_City, Salesman_Name, Commission
 - Table Data:**

Customer_Name	Customer_City	Salesman_Name	Commission
Nick Rimando	New York	James Hoog	0.15
Brad Davis	New York	James Hoog	0.15
Graham Zusi	California	Nail Knite	0.13
Julian Green	London	Nail Knite	0.13
Fabian Johnson	Paris	Mc Lyon	0.14
Geoff Cameron	Berlin	Lauson Hen	0.12
Jozey Altidore	Moscow	Paul Adam	0.13
Brad Guzan	London	Pit Alex	0.11