

# DBMS – ASSESSMENT

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-- Create Database

```
CREATE DATABASE sales_db;
```

```
USE sales_db;
```

-- Create Customer Table

```
CREATE TABLE customer (  
customer_id INT PRIMARY KEY,  
cust_name VARCHAR(50),  
city VARCHAR(50),  
grade INT,  
salesman_id INT  
);
```

-- Create Salesman Table

```
CREATE TABLE salesman (  
salesman_id INT PRIMARY KEY,  
name VARCHAR(50),  
city VARCHAR(50),  
commission DECIMAL(4,2)  
);
```

-- Insert Data into Customer Table

```
INSERT INTO customer (customer_id,  
cust_name, city, grade, salesman_id)  
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);
```

-- Insert Data into Salesman Table

```
INSERT INTO salesman (salesman_id,  
name, city, commission) 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 to get required result

```
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;