

Write SQL query to solve the problem given below

Consider a database containing two tables named as Customer and Salesman

For this you need to create a Customer table

In Customer table attributes are customer id, customer name, city, grade and salesman id

Eg:

Table : Customer

customer_id	cust_name	city	grade	salesman_id
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 Altidor	Moscow	200	5007
3001	Brad Guzan	London		5005

In Salesman table attributes will be salesman id, name, city and commission

Eg:

table : salesman

salesman_id	name	city	commission
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

From the above given tables write a SQL query to find the salesperson(s) and the customer(s) represented here. Return the Customer Name, City, Salesman, commission.

NOTE : Make sure you have to use join concept to solve the query
Make sure to make your code clean kneat

Ans :

```

CREATE TABLE Customer
(
    customer_id int PRIMARY KEY,
    cust_name varchar(20),
    city varchar(20),
    grade int,
    salesman_id int
);
INSERT INTO customer VALUES(3002,'Nick Romando','New York',100,5001);
INSERT INTO customer VALUES(3007,'Brad Davis','New York',200,5001);
INSERT INTO customer VALUES(3005,'Grahan Zusi','California',300,5002);
INSERT INTO customer VALUES(3008,'Julian Green','London',300,5002);
INSERT INTO customer VALUES(3004,'Fabian Johnson','Paris',300,5006);
INSERT INTO customer VALUES(3009,'Geoff Cameron','Berlin',100,5003);
INSERT INTO customer VALUES(3003,'Jozy Altidore','Moscow',200,5007);
INSERT INTO customer(customer_id,cust_name,city,salesman_id) VALUES(3001,'Brad
Guzan','London',5005);

```

				customer_id	cust_name	city	grade	salesman_id
<input type="checkbox"/>				3001	Brad Guzan	London	NULL	5005
<input type="checkbox"/>				3002	Nick Rimando	New York	100	5001
<input type="checkbox"/>				3003	Jozy Altidore	Moscow	200	5007
<input type="checkbox"/>				3004	Fabian johnson	Paris	300	5006
<input type="checkbox"/>				3005	Graham Zusi	California	300	5002
<input type="checkbox"/>				3007	Brad Davis	New York	200	5001
<input type="checkbox"/>				3008	Julian Green	London	300	5002
<input type="checkbox"/>				3009	Geoff Cameron	Berlin	100	5003

```

CREATE TABLE salesman
(
    salesman_id int NOT null,
    name varchar(20),
    city varchar(20),
    commission varchar(20)
);
INSERT INTO salesman VALUES(5001,'James Hoog','New York','0.15');
INSERT INTO salesman VALUES(5002,'Nail Knite','Paris','0.13');
INSERT INTO salesman VALUES(5005,'Pit Alex','London','0.11');
INSERT INTO salesman VALUES(5006,'Mc Lyon','Paris','0.14');
INSERT INTO salesman VALUES(5007,'Paul Adam','Rome','0.13');
INSERT INTO salesman VALUES(5003,'Lauson Hen','San Jose','0.12');

```

salesman_id	name	city	commission
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

SELECT c.salesman_id AS "salesman_id",s.name AS "name",c.city AS "city",s.commission AS "Commission" FROM customer c INNER JOIN salesman s ON c.salesman_id=s.salesman_id;

salesman_id	name	city	Commission
5005	Pit Alex	London	0.11
5001	James Hoog	New York	0.15
5007	Paul Adam	Moscow	0.13
5006	Mc Lyon	Paris	0.14
5002	Nail Knite	California	0.13
5001	James Hoog	New York	0.15
5002	Nail Knite	London	0.13
5003	Lauson Hen	Berlin	0.12