

Write SQL query to solve the problem given below.

❖ create a Customer table

```
CREATE TABLE salesman (  
    salesman_id int,  
    name varchar (20),  
    city varchar (10),  
    commission double,  
    PRIMARY KEY (salesman_id)  
);
```

- 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');

salesman_id	name	city	commission
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5003	Lauson Hen	San Jose	0.12
5005	Pit Alex	London	0.11
5006	Mc Lyon	Paris	0.14
5007	Paul Adam	Rome	0.13

❖ Create Salesman table

```
CREATE TABLE customer (  
    customer_id int,  
    cust_name varchar (50),  
    city varchar (20),  
    grade int,  
    salesman_id int,  
    PRIMARY KEY(customer_id),  
    FOREIGN key (salesman_id) REFERENCES salesman  
    (salesman_id)  
);
```

- 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 Altidor', 'Moscow', '200', '5007'), ('3001', 'Brad Guzan', 'London', NULL, '5005');

customer_id	cust_name	city	grade	salesman_id
3001	Brad Guzan	London	NULL	5005
3002	Nick Rimando	New York	100	5001
3003	Jozy Altidor	Moscow	200	5007
3004	Fabian Johnson	Paris	300	5006
3005	Graham Zusi	California	200	5002
3007	Brad Davis	New York	200	5001
3008	Julian Green	London	300	5002
3009	Geoff Cameron	Berlin	100	5003

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.

- `SELECT a.cust_name AS "Customer Name", a.city, b.name AS "Salesman", b.commission FROM customer a INNER JOIN salesman b ON a.salesman_id=b.salesman_id;`

Customer Name	city	Salesman	commission
Brad Guzan	London	Pit Alex	0.11
Nick Rimando	New York	James Hoog	0.15
Jozy Altidor	Moscow	Paul Adam	0.13
Fabian Johnson	Paris	Mc Lyon	0.14
Graham Zusi	California	Nail Knite	0.13
Brad Davis	New York	James Hoog	0.15
Julian Green	London	Nail Knite	0.13
Geoff Cameron	Berlin	Lauson Hen	0.12