ASSESSMENT OF DATABASE

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

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.

MYSQL QUERY

```
create database assessment;
use assessment;
create table salesman(
salesman_id int primary key,
salesman_name varchar(20),
city varchar(20),
comminsion decimal (10,2));

insert into salesman(salesman_id,salesman_name,city,comminsion)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');
select * from salesman;
```

salesman_id	salesman_name	city	comminsion
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
NULL	NULL	NULL	NULL

create table customer(
customer_id int,
customer_name varchar(20),
city varchar(20),
grade int,
salesman_id int,
foreign key(salesman_id) references salesman(salesman_id)
);

insert into customer(
customer_id,customer_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);
select* from customer;

customer_id	customer_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	NULL	5005

```
select
customer.customer_name,customer.city,salesman.salesman_name,salesman.c
omminsion
from customer
inner join salesman
on customer.salesman_id=salesman.salesman_id;
```

customer_name	city	salesman_name	comminsion
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
Geoff Cameron	Berlin	Lauson Hen	0.12
Brad Guzan	London	Pit Alex	0.11
Fabian Johnson	Paris	Mc Lyon	0.14
Jozy Altidor	Moscow	Paul Adam	0.13