

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 customer(  
customer_id int,  
customer_name varchar(20),  
city varchar(20),  
grade int,  
salesman_id int);
```

```
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

```
create table salesman(
salesman_id int,
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');
```

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

	customer_name	city	comminsion
▶	Nick Rimando	New York	0.15
	Brad Davis	New York	0.15
	Graham Zusi	California	0.13
	Julian Green	London	0.13
	Fabian Johnson	Paris	0.14
	Geoff Cameron	Berlin	0.12
	Jozy Altidor	Moscow	0.13
	Brad Guzan	London	0.11