Database (assessment)

● 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

Query:

create table Customers(customer_id int,Cust_name varchar(20),city varchar(20),grade int,salesman_id int);

insert into Customers(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);

Output:

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 Altidore	Moscow	200	5007
3001	Brad Guzan	London	NULL	5005

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

Query:

create table salesman(Salesman_id int, name varchar(20), city varchar(20),commission real);

insert into salesman(salesman_id,name,city,commission)values

(5001, 'James Hoog', 'New York', 0.15),
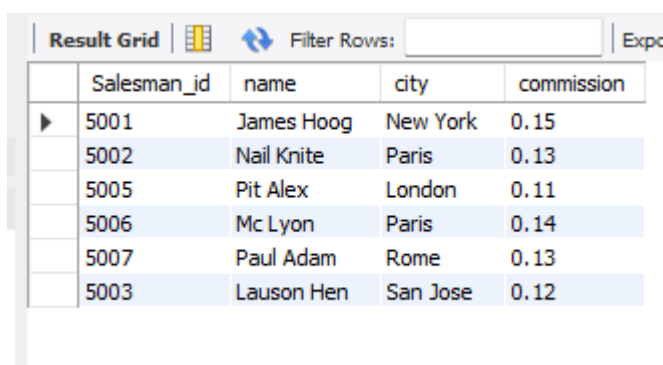
(5002, 'Nail Knite', 'Paris', 0.13),

(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);

Output:

| 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.

Query:

select c.Cust_name,c.city,s.name,s.commission from Customers as c join salesman as s on c.salesman_id=s.salesman_id;

output:

Cust_name	city	name	commission
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
Fabian Johnson	Paris	Mc Lyon	0.14
Geoff Cameron	Berlin	Lauson Hen	0.12
Jozy Altidore	Moscow	Paul Adam	0.13
Brad Guzan	London	Pit Alex	0.11