Create two tables :

1. *Sample table*: salesman

Salesman\_id ,name,city,commission

salesman\_id | name | city | commission

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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

*2.Sample 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

Q1:  find the salesperson and customer who reside in the same city.  
 SELECT salesman.name AS "Salesman",

customer.cust\_name, customer.city

FROM salesman,customer

WHERE salesman.city=customer.city;

Q2: From the tables write a SQL query to find the salesperson(s) and the customer(s) he represents. Return 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;

Q3: From the following tables write a SQL query to find salespeople who received commissions of more than 12 percent from the company. Return Customer Name, customer 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

WHERE b.commission>.12;

4.  From the following tables write a SQL query to locate those salespeople who do not live in the same city where their customers live and have received a commission of more than 12% from the company. Return Customer Name, customer city, Salesman, salesman city, commission

SELECT c.cust\_name AS "Customer Name",

c.city, s.name AS "Salesman", s.city,s.commission

FROM customer c

INNER JOIN salesman s

ON c.salesman\_id=s.salesman\_id

WHERE s.commission>.12

AND c.city<>s.city;

5. From the following tables write a SQL query to list all salespersons along with customer name, city, grade

SELECT c.cust\_name,c.city,c.grade,

s.name AS "Salesman"

FROM customer c

RIGHT JOIN salesman s

ON c.salesman\_id=s.salesman\_id