**SQL QUERY TO SOLVE THE PROBLEMS**

CREATE DATABASE shop;

USE shop;

CREATE TABLE Salesman (

salesman\_id INT PRIMARY KEY,

name VARCHAR(255) NOT NULL,

city VARCHAR(255),

commission DECIMAL(10, 2)

);

CREATE TABLE Customer (

customer\_id INT PRIMARY KEY,

customer\_name VARCHAR(255) NOT NULL,

city VARCHAR(255),

grade INT,

salesman\_id INT,

FOREIGN KEY (salesman\_id) REFERENCES Salesman(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);

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',0,5005);

SELECT

C.customer\_name AS Customer\_Name,

C.city AS Customer\_City,

S.name AS Salesman\_Name,

S.commission AS Salesman\_Commission

FROM

Customer AS C

JOIN

Salesman AS S

ON

C.salesman\_id = S.salesman\_id;