**MySQL**

create database edyoda;

use edyoda;

1.Table : **SalesPeople**

CREATE TABLE SalesPeople (

Snum INT PRIMARY KEY,

Sname VARCHAR(255) UNIQUE,

City VARCHAR(255),

Comm DECIMAL(10, 2)

);

INSERT INTO SalesPeople (Snum, Sname, City, Comm) VALUES

(1001, 'Peel', 'London', 0.12),

(1002, 'Serres', 'San Jose', 0.13),

(1004, 'Motika', 'London', 0.11),

(1007, 'Rifkin', 'Barcelona', 0.15),

(1003, 'Axelrod', 'New York', 0.10);

select \* from SalesPeople;



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2. Table: **Customers**

CREATE TABLE Customers (

Cnum INT PRIMARY KEY,

Cname VARCHAR(255),

City VARCHAR(255) NOT NULL,

Snum INT,

FOREIGN KEY (Snum) REFERENCES SalesPeople(Snum)

);

INSERT INTO Customers (Cnum, Cname, City, Snum) VALUES

(2001, 'Hoffman', 'London', 1001),

(2002, 'Giovanni', 'Rome', 1003),

(2003, 'Liu', 'San Jose', 1002),

(2004, 'Grass', 'Berlin', 1002),

(2006, 'Clemens', 'London', 1001),

(2008, 'Cisneros', 'San Jose', 1007),

(2007, 'Pereira', 'Rome', 1004);

Select \* from Customers;



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3. Table:**Orders**

CREATE TABLE Orders (

Onum INT PRIMARY KEY,

Amt DECIMAL(10, 2),

Odate DATE,

Cnum INT,

Snum INT,

FOREIGN KEY (Cnum) REFERENCES Customers(Cnum),

FOREIGN KEY (Snum) REFERENCES SalesPeople(Snum)

);

INSERT INTO Orders (Onum, Amt, Odate, Cnum, Snum) VALUES

(3001, 18.69, '1990-10-03', 2008, 1007),

(3003, 767.19, '1990-10-03', 2001, 1001),

(3002, 1900.10, '1990-10-03', 2007, 1004),

(3005, 5160.45, '1990-10-03', 2003, 1002),

(3006, 1098.16, '1990-10-03', 2008, 1007),

(3009, 1713.23, '1990-10-04', 2002, 1003),

(3007, 75.75, '1990-10-04', 2004, 1002),

(3008, 4273.00, '1990-10-05', 2006, 1001),

(3010, 1309.95, '1990-10-06', 2004, 1002),

(3011, 9891.88, '1990-10-06', 2006, 1001);

select \* from Orders;



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1, Count the number of Salesperson whose name begin with ‘a’/’A’.

select count(\*) from SalesPeople where Sname like 'a%' or Sname like 'A%';



2.Display all the Salesperson whose all orders worth is more than Rs. 2000.

select SalesPeople.Sname from SalesPeople inner join orders on SalesPeople.Snum=orders.Snum;



3. Count the number of Salesperson belonging to Newyork.

select Sname from SalesPeople where City='New York';



4.Display the number of Salespeople belonging to London and belonging to Paris.

select count(Sname) from SalesPeople where City='London' and City='Paris';



5.Display the number of orders taken by each Salesperson and their date of orders.

select Odate,Snum,count(\*) from orders group by Odate,Snum;

