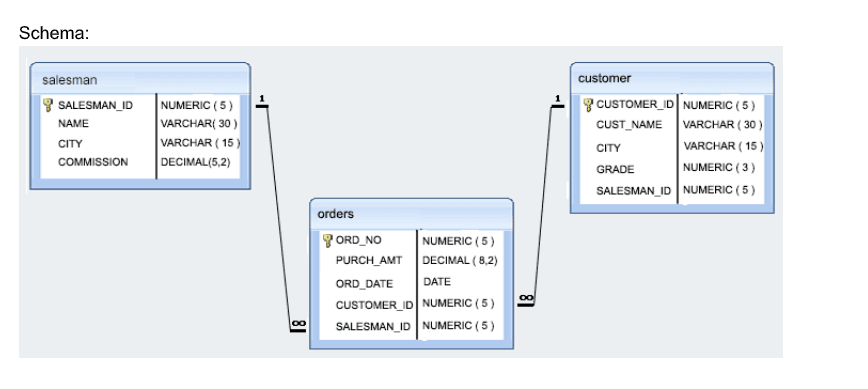
Rutuja Vijay Jagtap

Superset id:1367907

****

Create table Salesman

(

Salesman\_id numeric,

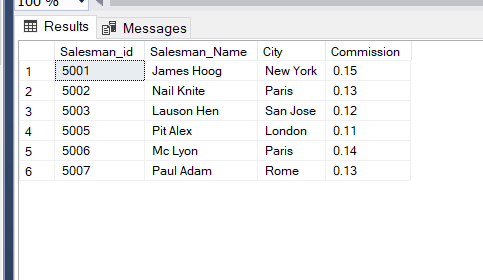
Salesman\_Name varchar(30),

City varchar(15),

Commission Decimal(5,2)

primary key(Salesman\_id)

)



Create table Orders

(

Order\_No numeric,

Purch\_Amt Decimal(8,2),

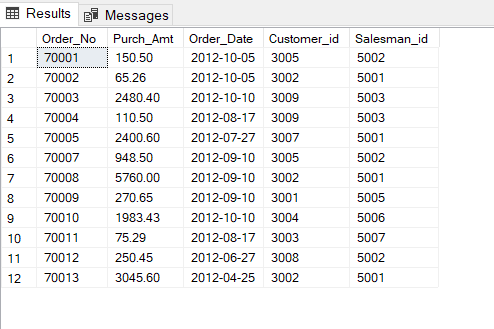
Order\_Date Date,

Customer\_id numeric,

Salesman\_id numeric

primary key(Order\_No)

)



Create table Customer

(

Customer\_id numeric,

Customer\_Name varchar(30),

City varchar(15),

Grade numeric,

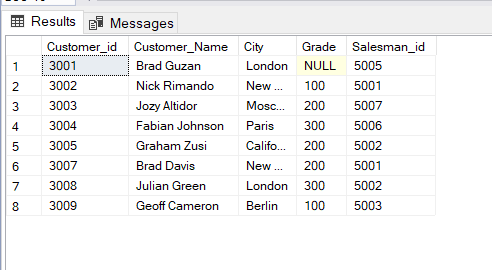
Order\_No numeric,

Purch\_Amt Decimal(8,2),

Salesman\_id numeric

primary key(Customer\_id)

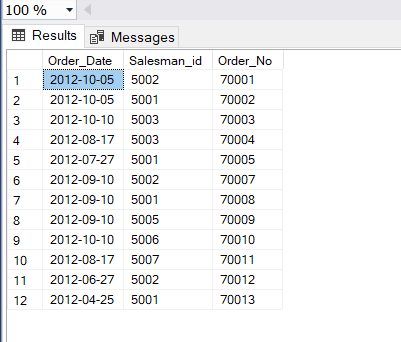
)



**1)Write a query to display the columns in a specific order like order date,**

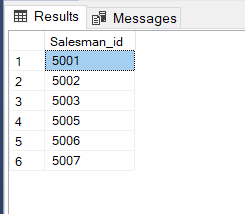
**salesman id, order number and purchase amount from for all the orders**

select Order\_Date,Salesman\_id,Order\_No from Orders



**2. write a SQL query to find the unique salespeople ID. Return salesman\_id.**

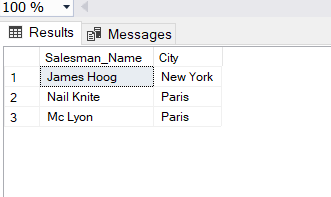
Select distinct Salesman\_id from Salesman



**3. write a SQL query to find the salespeople who lives in the City ofnew york,Paris & berlin.**

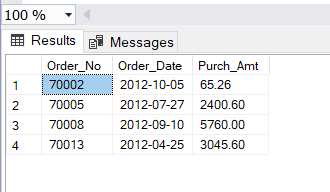
**Return salespersons name, city**

Select Salesman\_Name, City from Salesman where City='New York' or City='Paris' or City='Berlin'



**4. write a SQL query to find the orders, which are delivered by a salesperson of ID. 5001. Return ord\_no, ord\_date, purch\_amt**

Select Order\_No,Order\_Date,Purch\_Amt from Orders where Salesman\_id=5001

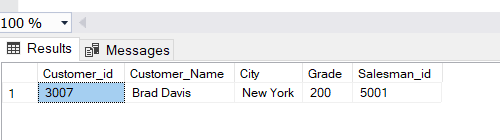
****

**5. write a SQL query to find all the customers in ‘New York’ city who have a**

**grade value above 100. Return customer\_id, cust\_name, city, grade, and**

**Salesman\_id.**

Select Customer\_id, Customer\_Name , City,Grade , Salesman\_id from Customer where city='New York' and grade>100

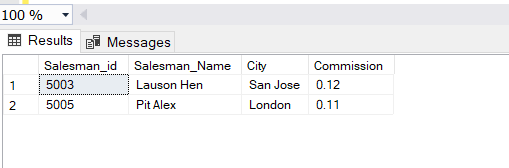


**6. write a SQL query to find the details of those salespeople whose**

**commissions range from 0.10 to0.12. Return salesman\_id, name, city, and**

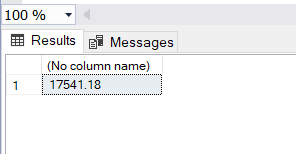
**Commission**

Select \* from Salesman where Commission between 0.10 and 0.12



**7. write a SQL query to calculate total purchase amount of all orders. Return total purchase amount.**

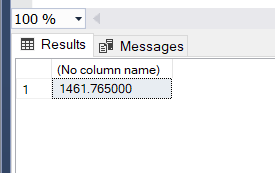
select sum(Purch\_Amt) from Orders



**8. write a SQL query to calculate average purchase amount of all orders.**

**Return average purchase amount.**

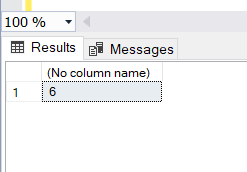
Select avg(Purch\_Amt) from Orders



**9. write a SQL query to count the number of unique salespeople. Return**

**number of salespeople.**

Select count(Salesman\_id) from Salesman



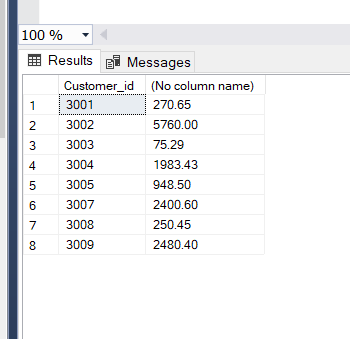
**10. write a SQL query to find the highest purchase amount ordered by**

**each customer. Return customer ID, maximum purchase amount**

SELECT Customer\_id, MAX(Purch\_Amt)

FROM Orders

GROUP BY Customer\_id;

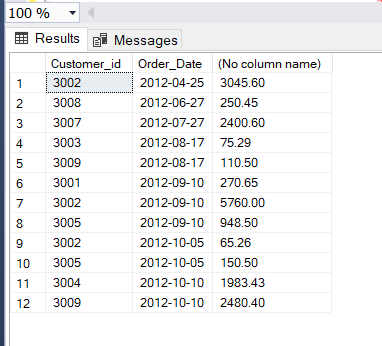


**11. write a SQL query to find the highest purchase amount ordered by**

**each customer on a particular date. Return, order date and highest**

**purchase amount**

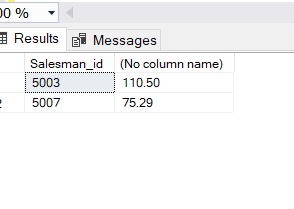
SELECT Customer\_id,Order\_Date,MAX(Purch\_Amt) FROM Orders GROUP BY Customer\_id,Order\_Date;



**12. write a SQL query to find the highest purchase amount on &#39;2012-08-**

**17&#39; by each salesperson. Return salesperson ID, purchase amount.**

Select Salesman\_id, max(Purch\_Amt) from Orders where Order\_Date='2012-08-17' group by Salesman\_id



**13. write a SQL query to find the salesperson and customer who**

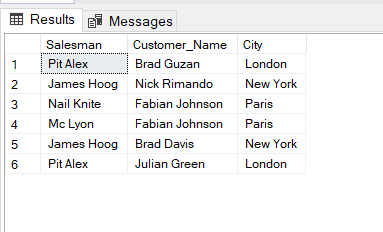
**belongs to same city. Return Salesman, cust\_name and city.**

SELECT Salesman\_Name AS "Salesman",

Customer.Customer\_Name, Customer.City

FROM Salesman,Customer

WHERE Salesman.City=Customer.City;



**14. write a SQL query to find those orders where order amount exists**

**between 500 and 2000. Return ord\_no, purch\_amt, cust\_name, city**

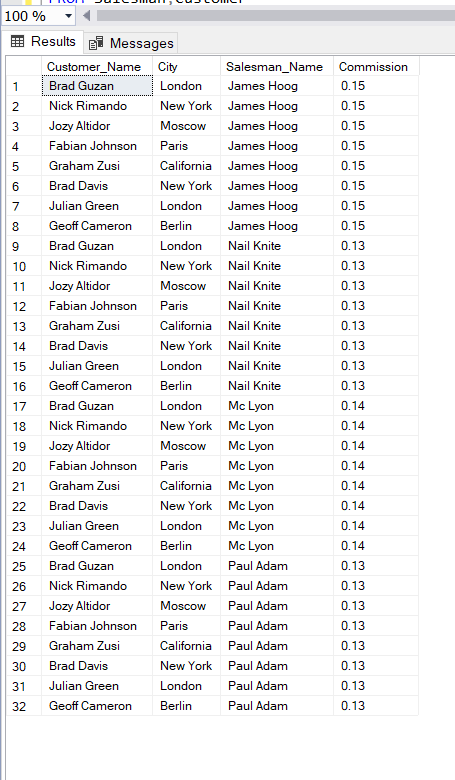
Select Orders.Order\_No, Orders.Purch\_Amt, Customer.Customer\_Name, Customer.City from Orders,Customer where Purch\_Amt between 500 and 2000



**15. write a SQL query to find those salespersons who received a**

**commission from the company more than 12%. Return Customer Name,customer city, Salesman, commission**

Select Customer.Customer\_Name,Customer.City, Salesman.Salesman\_Name, Salesman.Commission from Customer, Salesman where Salesman.Commission>0.12



**16. write a SQL query to display the cust\_name, customer city, grade,**

**Salesman, salesman city. The result should be ordered by ascending on**

**customer\_id.**

Select Customer.Customer\_Name,Customer.City,Customer.Grade,Salesman.Salesman\_Name,Salesman.City from Customer, Salesman Order by Customer.Customer\_id

