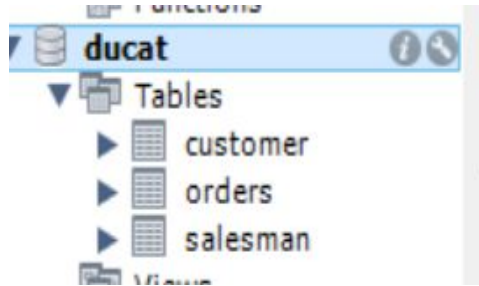


1. Create a database name ducat and create tables name salesman, customer and orders.



2. Write a SQL statement to display all the information of all salesmen.

Query

Select \* from salesman;

	salesman_id	name	city	commision
▶	5001	james hoog	new york	0.15
	5002	nale night	paris	0.13
	5003	lauson hen	san jose	0.12

3. Write a SQL statement to display specific columns like name and commission for all

Query

Select name,commision from salesman;

	name	commision
▶	james hoog	0.15
	nale night	0.13
	lauson hen	0.12
	pit alex	0.11
	mc lyon	0.14

4. Write a query to display the records in ascending order of commission.

select commision from salesman order by commision;

	commision
▶	0.11
	0.12

**5. Write a SQL statement to display names and city of salesman, who belongs to the city of Paris.**

```
select name,  
city from salesman  
where city = 'paris';
```

	name	city
▶	nale night	paris
	mc lyon	paris

**-6. Write a SQL statement to prepare a list with salesman name, customer name  
-- and their cities for the salesmen and customer who belongs to the same city.--**

```
select s.name,s.city,  
c.cust_name,  
c.city from salesman as s  
join customer as c on  
s.city=c.city;
```

name	city	cust_name	city
pit alex	london	Brad Guzan	London
james hoog	new york	Nick Rimando	New York
mc lyon	paris	Fabian Johnson	Paris
nale night	paris	Fabian Johnson	Paris
james hoog	new york	Brad Davis	New York
pit alex	london	Julian Green	London

**7. Write a SQL statement to make a list with order no, purchase amount, customer name and their cities for those orders which order amount between 500 and 2000.**

```
select o.ord_no,  
o.purch_amt,  
c.cust_name,c.city  
from orders as o  
join customer as c  
where purch_amt between 500 and 2000;
```

ord_no	purch_amt	cust_name	city
70010	1983.43	Brad Guzan	London
70007	948.5	Brad Guzan	London
70010	1983.43	Nick Rimando	New York
70007	948.5	Nick Rimando	New York
70010	1983.43	Jozv Altidor	Moscow

## 8. Write a SQL statement to know which salesmen are working for which customer.-

```
select s.salesman_id,  
c.customer_id,s.name,  
c.cust_name  
from salesman as s inner join  
customer as c  
on s.salesman_id=c.salesman_id;
```

salesman_id	customer_id	name	cust_name
5001	3002	james hoog	Nick Rimando
5001	3007	james hoog	Brad Davis
5002	3005	nale night	Graham Zusi
5002	3008	nale night	Julian Green
5003	3009	lauson hen	Geoff Cameron

**9. Write a SQL statement to find the list of customers who appointed a salesman for their jobs who gets a commission from the company is more than 12%.**

```
select c.cust_name,  
s.commission  
from salesman  
as s inner join  
customer as c  
on c.salesman_id=s.salesman_id  
where commission >0.12;
```

cust_name	commission
Nick Rimando	0.15
Brad Davis	0.15
Graham Zusi	0.13
Julian Green	0.13
Fabian Johnson	0.14
Josy Altidor	0.13

**10. Write a SQL statement to find the list of customers and their city who appointed for their jobs who does not live in the same city where their customer lives, and gets a commission is above 12%**

```
select c.cust_name,  
c.city,s.name,s.city  
s.commission  
from salesman as s  
inner join customer as c on  
c.salesman_id=s.salesman_id  
where c.city <> s.city and commission > 0.12;
```

cust_name	city	name	city	commision
Graham Zusi	California	nale night	paris	0.13
Julian Green	London	nale night	paris	0.13
Jozy Altidor	Moscow	paul adam	Rome	0.13



**11. Write a SQL statement find the name of customer whose purchased is higher.**

```
select c.cust_name,  
max(purch_amt)  
from orders as o inner  
join customer as c  
on c.customer_id = o.customer_id;
```

	cust_name	max(purch_amt)
▶	Graham Zusi	5760

**12. Write a SQL statement find the customer whose name start with f**

```
select * from customer  
where cust_name like 'f%';
```

	customer_id	cust_name	city	grade	salesman_id
▶	3004	Fabian Johnson	Paris	300	5006
•	NULL	NULL	NULL	NULL	NULL