Module-4 Assessment(SQL)

❖ Consider a database containing two tables named as Customer and Salesman.

→ First Thing Create Database Name =Assessment

- Query: create database assessment.

→ Then use database :-

- Query: use assessment.

❖ For this you need to create a Salesman table:-

→ Query:

Create table salesman(salesman_id int primary key,name varchar(20),city varchar(20),commission varchar(10))

→ After Execute this query   Table create successfully.

❖ For this you need to create a Customer table:-

→ Query:

Create table customer(customer_id int primary key, Cust_name varchar(20),city varchar(20),grade varchar(10),salesman_id int,foreign key(salesman_id) references salesman (salesman_id))

→ After Execute this query   Table create successfully.

❖ First We Can Enter The Data in Salesman Table:

→insert into salesman values(5001,"James Hoog","New York","0.15"), (5002,"Nail Knite","Paris","0.13"), (5003,"Lauson Hen","San Jose","0.12"), (5005,"Pit Alex","London","0.11"),

(5006,"Mc Lyon","Paris","0.14"), (5007,"Paul Adam","Roem","0.13")

→After this Query Execute data insert in table successfully.

→Now Check The data Of Salesman Table:-

Query:- Select * from salesman

→Then You Show This Type of Output:-

salesman_id	name	city	commision
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5003	Lauson Hen	San Jose	0.12
5005	Pit Alex	London	0.11
5006	Mc Lyon	Paris	0.14
5007	Paul Adam	Rome	0.13
NULL	NULL	NULL	NULL

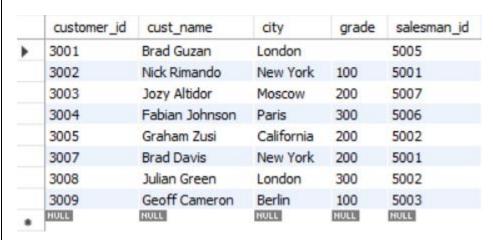---

❖First We Can Enter The Data in Customer Table:

→insert into customer values(3001,"Brad Guzan","London","",5005), (3002,"Nick Rimando","New York","100",5001), (3003,"Jozy Altidor","Moscow","200",5007),

(3004,"Fabian Johnson","Paris","300",5006), (3005,"Graham Zusi","California","200",5002), (3007,"Brad Davis","New

York","200",5001), (3008,"Julian Green","London","300",5002),
(3009,"Geoff Cameron","Berlin","100",5003)

→After this Query Execute data insert in table successfully.

→Now Check The data Of Salesman Table:-

Query:- Select * from customer

→Then You Show This Type of Output:-

	customer_id	cust_name	city	grade	salesman_id
▶	3001	Brad Guzan	London		5005
	3002	Nick Rimando	New York	100	5001
	3003	Jozy Altidor	Moscow	200	5007
	3004	Fabian Johnson	Paris	300	5006
	3005	Graham Zusi	California	200	5002
	3007	Brad Davis	New York	200	5001
	3008	Julian Green	London	300	5002
	3009	Geoff Cameron	Berlin	100	5003
*	NULL	NULL	NULL	NULL	NULL

❖From the above given tables write a SQL query to find the salesperson(s) and the customer(s) represented here. Return the Customer Name, City, Salesman, commission.

Query:-

select cust_name,customer.city,commision from salesman inner join customer on salesman.salesman_id=customer.salesman_id

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→Then You Show This Type of Output:-

cust_name	city	commision
Brad Guzan	London	0.11
Nick Rimando	New York	0.15
Jozy Altidor	Moscow	0.13
Fabian Johnson	Paris	0.14
Graham Zusi	California	0.13
Brad Davis	New York	0.15
Julian Green	London	0.13
Geoff Cameron	Berlin	0.12

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