

*****Assignment-1*****

Q.1: Create a table salesman and insert record.

Ans: create table Salesman (Salesman_id number(10), Name varchar(15), commission number(2,2), City varchar(10));

Table created.

Q.2: Write a query for insert data into table.

Ans: insert into salesman (Salesman_id, name, city, commission) values (5003, 'Lauson Hen', 'Sun Jose', 0.13);

1 row created.

SQL> select * from salesman;

SALSMAN_ID	NAME	COMMISSION	CITY
5007	Paul Adam	.12	Rome
5003	Lauson Hen	.13	Sun Jose
5001	James_Knite	.15	New York
5002	Nail Knite	.13	Paris
5005	pit alex	.11	London
5006	mc.lyon	.14	paris

6 rows selected.

Q.3: Add New column Address And Contact.

Ans: ALTER table add column Address varchar(10);

Table altered.

SQL> ALTER table add column Contact Number(10);

Table altered.

SQL> select * from salesman;

SALSMAN_ID	NAME	COMMISSION	CITY	ADDRESS	CONTACT
5007	Paul Adam	.12	Rome		
5003	Lauson Hen	.13	Sun Jose		
5001	James Knite	.15	New York		
5002	Nail Knite	.13	Paris		
5005	pit alex	.11	London		
5006	mc.lyon	.14	paris		

6 rows selected.

Q.4: Drop Column Address.

Ans: ALTER table salesman drop column Address;

Table altered.

SQL> select * from salesman;

SALSMAN_ID	NAME	COMMISSION	CITY	CONTACT
5007	Paul Adam	.12	Rome	
5003	Lauson Hen	.13	Sun Jose	
5001	James Knite	.15	New York	
5002	Nail Knite	.13	Paris	
5005	pit alex	.11	London	

5006 mc.lyon .14 paris
6 rows selected.

Q.5: Update Name='sam' having salesman_id 5005.

Ans: update salesman set Name='Sam' where salesman_id=5005;
1 row updated.

SQL> select * from salesman ;

SALSMAN_ID	NAME	COMMISSION	CITY	CONTACT
5007	Paul Adam	.12	Rome	
5003	Lauson Hen	.13	Sun Jose	
5001	James_Knite	.15	New York	
5002	Nail Knite	.13	Paris	
5005	Sam	.11	London	
5006	mc.lyon	.14	paris	

6 rows selected.

Q.6: Delete Record having salesman_id 5005.

Ans: delete from salesman where salesman_id=5003 ;
1 row deleted.

SQL> select * from salesman;

SALESMAN_ID	NAME	COMMISSION	CITY	CONTACT
5007	Paul Adam	.12	Rome	9384756344
5001	James_Knite	.15	New York	8734569867
5002	Nail Knite	.13	Paris	8734593876
5005	Sam	.11	London	9786345687
5006	mc.lyon	.14	Paris	4657856979

Q.7: Display Record Who are having city ='Paris'

Ans: select * from salesman where city='Paris';

SALESMAN_ID	NAME	COMMISSION	CITY	CONTACT
5002	Nail Knite	.13	Paris	8734593876
5006	mc.lyon	.14	Paris	4657856979

*****Assignment-1.2*****

Q.1: Create a Table Orders And Insert record Into Table.

Ans: create table Orders (ord_number number(10),Pro_Amt number(2,2),Ord_Date Date,Cust_id number(5),Salesman_ID number(5));
Table created.

Q.2: Insert Records Into Orders.

Ans: insert into orders (ord_number,pro_amt,ord_date,cust_id,Salesman_ID) values (70001,150.5,'05-Mar-2012',3005,5002);
1 row created.

```
SQL> select * from orders;
ORD_NUMBER    PRO_AMT ORD_DATE    CUST_ID SALESMAN_ID
-----
70001         150.5 05-MAR-12    3005     5002
```

Q.3: Write a query to see table records .

Ans: select * from orders;

```
ORD_NUMBER    PRO_AMT ORD_DATE    CUST_ID SALESMAN_ID
-----
70001         150.5 05-MAR-12    3005     5002
70009         270.65 10-SEP-12    3001     5005
70002         65.26 05-OCT-12    3002     5001
70004         110.5 17-AUG-12    3009     5003
70007         948.5 10-SEP-12    3005     5002
70005        2400.6 27-JUL-12    3007     5001
70008         5760 10-SEP-12    3002     5001
70000        1983.43 10-OCT-12    3004     5006
70003        2480.4 10-OCT-12    3009     5003
70012         250.45 27-JUL-12    3008     5002
10 rows selected.
```

Q.4: Display Records having customer_id 3005.

Ans: select * from orders Where Cust_id=3005;

```
ORD_NUMBER    PRO_AMT ORD_DATE    CUST_ID SALESMAN_ID
-----
70001         150.5 05-MAR-12    3005     5002
70007         948.5 10-SEP-12    3005     5002
```

Q.5: Add New Column Salesman_name, Customer_Name.

Ans: alter table Orders add Salesman_name varchar(20);
Table altered.

SQL> alter table Orders add Customer_name varchar(20);
Table altered.

SQL> desc orders;

```
Name                                         Null?    Type
-----
ORD_NUMBER                                NUMBER(10)
PRO_AMT                                  FLOAT(126)
ORD_DATE                                  DATE
CUST_ID                                   NUMBER(5)
SALESMAN_ID                               NUMBER(5)
SALESMAN_NAME                             VARCHAR2(20)
CUSTOMER_NAME                             VARCHAR2(20)
```

Q.6: Drop column Customer_name.

Ans: alter table orders drop column CUSTOMER_NAME;
Table altered.

SQL> desc orders;

Name	Null?	Type
ORD_NUMBER		NUMBER(10)
PRO_AMT		FLOAT(126)
ORD_DATE		DATE
CUST_ID		NUMBER(5)
SALESMAN_ID		NUMBER(5)
SALESMAN_NAME		VARCHAR2(20)

Q.7:update Customer id 3003 having ordered no. 70002.

Ans: update orders set cust_id=3003 where Salesman_id=5005 ;
1 row updated.

SQL> select * from orders;

ORD_NUMBER	PRO_AMT	ORD_DATE	CUST_ID	SALESMAN_ID	SALESMAN_NAME
70001	150.5	05-MAR-12	3005	5002	
70009	270.65	10-SEP-12	3003	5005	
70002	65.26	05-OCT-12	3002	5001	
70004	110.5	17-AUG-12	3009	5003	
70007	948.5	10-SEP-12	3005	5002	
70005	2400.6	27-JUL-12	3007	5001	
70008	5760	10-SEP-12	3002	5001	
70000	1983.43	10-OCT-12	3004	5006	
70003	2480.4	10-OCT-12	3009	5003	
70012	250.45	27-JUL-12	3008	5002	

10 rows selected.

Q.8:Remove records having salesman_id 5005.

Ans: delete from orders where salesman_id=5005;
1 row deleted.

SQL> select * from orders;

ORD_NUMBER	PRO_AMT	ORD_DATE	CUST_ID	SALESMAN_ID	SALESMAN_NAME
70001	150.5	05-MAR-12	3005	5002	
70002	65.26	05-OCT-12	3002	5001	
70004	110.5	17-AUG-12	3009	5003	
70007	948.5	10-SEP-12	3005	5002	
70005	2400.6	27-JUL-12	3007	5001	
70008	5760	10-SEP-12	3002	5001	
70000	1983.43	10-OCT-12	3004	5006	
70003	2480.4	10-OCT-12	3009	5003	
70012	250.45	27-JUL-12	3008	5002	

9 rows selected.

*****Assignment-2*****

Q.1: Create a Table customer & insert Records into it.

Ans: create table customer (Customer_id number,Cust_Name varchar(15),City varchar(10),Grade number(5),salesman_ID number(5));
Table created.

SQL> select * from customer;

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
3002	Nick Remando	New York	100	5001
3007	Brand Davis	New York	200	5001
3005	Graham zulsi	califarnia	200	5002
3008	Julian Grem	London	300	5002
3004	Fabia Johnson	Paris	300	5006
3009	Geoff Cameron	Berlin	300	5003

6 rows selected.

Q.2: Write a query to locate details of customers with grade values above 100.

Ans: select * from customer where Grade>100;

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
3007	Brand Davis	New York	200	5001
3005	Graham zulsi	califarnia	200	5002
3008	Julian Grem	London	300	5002
3004	Fabia Johnson	Paris	300	5006
3009	Geoff Cameron	Berlin	300	5003

Q.3: Write a query to find all customers in new york who have grade value above 100.

Ans: select * from customer where Grade>100 And city='New York';

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
3007	Brand Davis	New York	200	5001

Q.4: Write a query to find all customers from new york or having grade above 100.

Ans: select * from customer where Grade>100 Or city='New York';

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
3002	Nick Remando	New York	100	5001
3007	Brand Davis	New York	200	5001
3005	Graham zulsi	califarnia	200	5002
3008	Julian Grem	London	300	5002
3004	Fabia Johnson	Paris	300	5006
3009	Geoff Cameron	Berlin	300	5003

6 rows selected.

Q.5: Write a query to find customers who are from new york or not have grade above 100.

Ans: select * from customer where Grade<100 Or city='New York';

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
3002	Nick Remando	New York	100	5001
3007	Brand Davis	New York	200	5001

Q.6: Write a query to find salesman who are having commission range from 0.12 to 0.14.

Ans: select * from salesman where commission between 0.12 to 0.14;

SALSMAN_ID	NAME	COMMISSION	CITY
5007	Paul Adam	.12	Rome
5003	Lauson Hen	.13	Sun Jose
5002	Nail Knite	.13	Paris

*****Assignment-3 *****

Q.1: What is sql query to find details of those sales people who come from paris city or Rome city.

Ans: select * from salesman where city='Paris' or city='Rome';

SALESMAN_ID	NAME	COMMISSION	CITY
5002	Nail Knite	.13	Paris
5006	Mc.Lyon	.14	Paris
5007	Paul Adam	.13	Rome

Q.2: Write sql query to find sales people who live in cities Other than Paris And Rome.

Ans: select * from salesman where city<>'Paris' And city<>'Rome';

SALESMAN_ID	NAME	COMMISSION	CITY
5001	James_Hong	.15	New_York
5005	Pit alex	.11	London
5003	Lauson Hen	.12	Sanjose

Q.3: Write a query to retrieve details of all values 3007,3008 or 3009.

Ans: select * from customer where customer_id=3007 or customer_id=3008 or customer_id=3009;

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
3007	Brand Davis	New York	200	5001

3008	Julian Grem	London	300	5002
3009	Geoff Cameron	Berlin	300	5003

Q.4: Write a query to find salespeople who receive commissions between 0.12 and 0.14.

Ans: select * from salesman where commission between 0.12 to 0.14;

SALSMAN_ID	NAME	COMMISSION	CITY
5007	Paul Adam	.12	Rome
5003	Lauson Hen	.13	Sun Jose
5002	Nail Knite	.13	Paris

Q.5: Write a query to retrieve a details of Customers whose name Login with Letter B.

Ans: select * from customer where cust_name LIKE 'B%';

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
3007	Brand Davis	New York	200	5001

Q.6: Write a query to find Customer Whose name End with letter n.

Ans: select * from customer where cust_name LIKE '%n';

CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
3004	Fabia Johnson	Paris	300	5006
3009	Geoff Cameron	Berlin	300	5003

Q.7: Write a query to find Salepeoples whose Name is not between N and l.

Ans:

*****Assignment-4*****

Q.1: Write a sql query to calculate toatl purchase amount of all orders.

Ans: select sum (Pro_amt) from orders;

SUM(PRO_AMT)
14149.64

Q.2: Write a query to calculate average purchase amount of all orders.

Ans: select avg (pro_amt) from orders;

AVG(PRO_AMT)
1572.18222

Q.3: Write a query to counts the number of uniq salepeople.

Ans: select count (distinct salesman_id) from Orders;

```
COUNT(DISTINCTSALESMAN_ID)
-----
4
```

Q.4: Write a query to counts the number of Customers.

Ans: select count (*) from customer;

```
COUNT(*)
-----
6
```

Q.5: Write a query to find maximum Purchase amount.

Ans: select Max(Pro_amt) from orders;

```
MAX(PRO_AMT)
-----
5760
```

Q.6: Write a query to find minimum Purchase amount.

Ans: select Min(Pro_amt) from orders;

```
MIN(PRO_AMT)
-----
65.26
```