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

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

Ans: create table Salesman (Salsman_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 (Salsman_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 salsman_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 5003.
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 qurey fro 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: Dispaly 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 ord_number=70002;

```
   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
        70002      65.26 05-OCT-12       3003        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.
```

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 recieve 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 datails 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 Login with 'N' and end with charecter 'e'.

Ans: select * from salesman where name LIKE 'N%e';

SALESMAN_ID	NAME	COMMISSION	CITY
5002	Nail Knite	.13	Paris

*******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
```