֍ **CREATE TABLE**

**EMP(e\_name,e\_code,designation,head,doj,basic\_sal,dept\_code)**

**AND DEPT(dept\_code,dept\_name,floor).**

SQL> create table emp(e\_name char(10),e\_code varchar(4),designation char(9),head char(10),doj date,basic\_sal number(6),dept\_code varchar(4));

Table created.

SQL> insert into emp values('Subrata','100','assistant','Jayanta','12-jan-2018','7000','20');

1 row created.

SQL> insert into emp values('Ram','102','clark','Jayanta','14-jul-2017','2000','20');

1 row created.

SQL> insert into emp values('Nilanjan','103','manegar','Jayanta','10-feb-2018','8000','20');

1 row created.

SQL> insert into emp values('Jayanta','105','head','Jayanta','20-mar-2017','12000','20');

1 row created.

SQL> insert into emp values('Ramesh','500','assistant','Sourav','11-apr-2018','6000','30');

1 row created.

SQL> insert into emp values('Amar','502','clark','Sourav','12-jun-2017','1000','30');

1 row created.

SQL> insert into emp values('Sourav','503','head','Sourav','04-jan-2017','14000','30');

1 row created.

SQL> insert into emp values('Tusar','600','assistant','Utpal','18-oct-2018','5000','40');

1 row created.

SQL> insert into emp values('Ranjan','702','assistant','Kuntal','15-may-2016','6000','10');

1 row created.

SQL> create table dept(dept\_code varchar(4),dept\_name char(20),floor number(2));

Table created.

SQL> insert into dept values('10','programmer','4');

1 row created.

SQL> insert into dept values('20','developer','3');

1 row created.

SQL> insert into dept values('30','tester','2');

1 row created.

SQL> insert into dept values('40','seller','1');

1 row created.

SQL> select \* from emp;

E\_NAME E\_CO DESIGNATI HEAD DOJ BASIC\_SAL DEPT

---------- ---- --------- ---------- --------- ---------- ----

Subrata 100 assistant Jayanta 12-JAN-18 7000 20

Ram 102 clark Jayanta 14-JUL-17 2000 20

Nilanjan 103 manegar Jayanta 10-FEB-18 8000 20

Jayanta 105 head Jayanta 20-MAR-17 12000 20

Ramesh 500 assistant Sourav 11-APR-18 6000 30

Amar 502 clark Sourav 12-JUN-17 1000 30

Sourav 503 head Sourav 04-JAN-17 14000 30

Tusar 600 assistant Utpal 18-OCT-18 5000 40

Ranjan 702 assistant Kuntal 15-MAY-16 6000 10

9 rows selected.

SQL> select \* from dept;

DEPT DEPT\_NAME FLOOR

---- -------------------- ----------

10 programmer 4

20 developer 3

30 tester 2

40 seller 1

QUARYs:»

**● List the name of the assistant working in dept\_code 30.**

SQL> select e\_name from emp where designation='assistant' and dept\_code=30;

E\_NAME

----------

Ramesh

**● List the name of the employee not belong to the dept\_code ’10 and**

**40’.**

SQL> select e\_name from emp where dept\_code not in(10,40);

E\_NAME

----------

Subrata

Ram

Nilanjan

Jayanta

Ramesh

Amar

Sourav

7 rows selected.

**● List the different position available in the employee table.**

SQL> select distinct designation from emp;

DESIGNATI

---------

head

assistant

manegar

clark

**● List the name,salary and pf(10% basic\_sal),hra(30% of salary).**

SQL> select e\_name,basic\_sal,basic\_sal\*0.1"pf",basic\_sal\*0.3"hra" from emp;

E\_NAME BASIC\_SAL pf hra

---------- ---------- ---------- ----------

Subrata 7000 700 2100

Ram 2000 200 600

Nilanjan 8000 800 2400

Jayanta 12000 1200 3600

Ramesh 6000 600 1800

Amar 1000 100 300

Sourav 14000 1400 4200

Tusar 5000 500 1500

Ranjan 6000 600 1800

9 rows selected.

**● List average salary and number of the employee in each dept.**

SQL> select dept\_code,avg(basic\_sal),count(e\_code) from emp group by dept\_code;

DEPT AVG(BASIC\_SAL) COUNT(E\_CODE)

---- -------------- -------------

20 7250 4

10 6000 1

40 5000 1

30 7000 3

**● List the depertment wise minimum salary of each depertment.**

SQL> select dept\_code,min(basic\_sal) from emp group by dept\_code;

DEPT MIN(BASIC\_SAL)

---- --------------

20 2000

10 6000

40 5000

30 1000

**● Get the details of employee with second highest salary.**

SQL> select \* from emp where basic\_sal=(select max(basic\_sal) as basic\_sal from emp where basic\_sal<(select max(basic\_sal)from emp));

E\_NAME E\_CO DESIGNATI HEAD DOJ BASIC\_SAL DEPT

---------- ---- --------- ---------- --------- ---------- ----

Jayanta 105 head Jayanta 20-MAR-17 12000 20

**● List the name of those employee whose names start with ‘r.’**

SQL> select e\_name from emp where e\_name like 'R%';

E\_NAME

---------

Ram

Ramesh

Ranjan

**● Increase the salary of the employee with emp\_code 102 by 500.**

SQL> update emp set basic\_sal=basic\_sal+500 where e\_code=102;

1 row updated.

SQL> select \* from emp;

E\_NAME E\_CO DESIGNATI HEAD DOJ BASIC\_SAL DEPT

---------- ---- --------- ---------- --------- ---------- ----

Subrata 100 assistant Jayanta 12-JAN-18 7000 20

Ram 102 clark Jayanta 14-JUL-17 2500 20

Nilanjan 103 manegar Jayanta 10-FEB-18 8000 20

Jayanta 105 head Jayanta 20-MAR-17 12000 20

Ramesh 500 assistant Sourav 11-APR-18 6000 30

Amar 502 clark Sourav 12-JUN-17 1000 30

Sourav 503 head Sourav 04-JAN-17 14000 30

Tusar 600 assistant Utpal 18-OCT-18 5000 40

Ranjan 702 assistant Kuntal 15-MAY-16 6000 10

9 rows selected.

**● List the name of those employee who work on floor 3.**

SQL> select e\_name,designation from emp e,dept d where e.dept\_code=d.dept\_code and floor=3;

E\_NAME DESIGNATI

---------- ---------

Subrata assistant

Ram clark

Nilanjan manegar

Jayanta head

**֍ CREATE A TABLE PATIENT(p\_id,p\_name,p\_age,p\_address) ,**

**DOCTOR(d\_id,d\_name,d\_address),**

**ADMITTED(p\_id,date of admission), AND**

**ATTEND(p\_id,d\_id)**

SQL> create table patient(p\_id varchar(4),p\_name char(10),p\_age number(2),p\_address char(8));

Table created.

SQL> insert into patient values('100','Subrata','33','Jakpur');

1 row created.

SQL> insert into patient values('102','Nilanjan','55','Rampur');

1 row created.

SQL> insert into patient values('107','Suvankar','62','Geokhali');

1 row created.

SQL> insert into patient values('108','Jayanta','28','Tamluk');

1 row created.

SQL> insert into patient values('112','Sourav','42','Kulapara');

1 row created.

SQL> create table doctor(d\_id varchar(4),d\_name char(10),d\_address char(10));

Table created.

SQL> insert into doctor values('d002','Saradindu','Sutahata');

1 row created.

SQL> insert into doctor values('d105','Sushovan','Ghatal');

1 row created.

SQL> insert into doctor values('d107','Debasis','Tamluk');

1 row created.

SQL> create table admitted(p\_id varchar(4),d\_o\_a date);

Table created.

SQL> insert into admitted values('100','01-may-2014');

1 row created.

SQL> insert into admitted values('102','04-mar-2011');

1 row created.

SQL> insert into admitted values('107','29-sep-2014');

1 row created.

SQL> insert into admitted values('108','13-jun-2014');

1 row created.

SQL> create table attend(p\_id varchar(4),d\_id varchar(4));

Table created.

SQL> insert into attend values('100','d105');

1 row created.

SQL> insert into attend values('102','d002');

1 row created.

SQL> insert into attend values('100','d105');

1 row created.

SQL> insert into attend values('107','d107');

1 row created.

SQL> insert into attend values('102','d002');

1 row created.

SQL> insert into attend values('100','d002');

1 row created.

SQL> insert into attend values('108','d105');

1 row created.

SQL> insert into attend values('100','d105');

1 row created.

SQL> insert into attend values('112','d002');

1 row created.

SQL> insert into attend values('102','d002');

1 row created.

SQL> select \* from patient;

P\_ID P\_NAME P\_AGE P\_ADDRES

---- ---------- ---------- --------

100 Subrata 33 Jakpur

102 Nilanjan 55 Rampur

107 Suvankar 62 Geokhali

108 Jayanta 28 Tamluk

112 Sourav 42 Kulapara

SQL> select \* from doctor;

D\_ID D\_NAME D\_ADDRESS

---- ---------- ----------

d002 Saradindu Sutahata

d105 Sushovan Ghatal

d107 Debasis Tamluk

SQL> select \* from admitted;

P\_ID D\_O\_A

---- ---------

100 01-MAY-14

102 04-MAR-11

107 29-SEP-14

108 13-JUN-14

SQL> select \* from attend;

P\_ID D\_ID

---- ----

100 d105

102 d002

100 d105

107 d107

102 d002

100 d002

108 d105

100 d105

112 d002

102 d002

10 rows selected.

QUARYs:»

**● List the name of the patient who has the same address as the d\_id**

**=’d107’.**

SQL> select p\_name from patient where p\_address in(select d\_address from doctor where d\_id='d107');

P\_NAME

----------

Jayanta

**● List the total number of doctor who check the patient more than two time.**

SQL> select count(\*) from(select d.d\_id,count(\*)from doctor d,attend a where d.d\_id=a.d\_id group by a.d\_id,a.p\_id,d.d\_id having count(a.d\_id)>2);

COUNT(\*)

----------

2

**● List the patient name for the specified doctor id.**

SQL> select p\_name,d.d\_id from patient p,doctor d,attend a where p.p\_id=a.p\_id and d.d\_id=a.d\_id and d.d\_id='d107';

P\_NAME D\_ID

---------- ----

Suvankar d107

**● List the patient who have the age grater than 50 and adte of admition ’04-mar-11’.**

SQL> select p\_name from patient p,admitted a where p.p\_id=a.p\_id and p\_age>50 and d\_o\_a='04-mar-11';

P\_NAME

----------

Nilanjan

**● List the name of patient in decending order of age.**

SQL> select p\_name,p\_age from patient order by p\_age desc;

P\_NAME P\_AGE

---------- ----------

Suvankar 62

Nilanjan 55

Sourav 42

Subrata 33

Jayanta 28

**● List the name of patient whose first letter of name start with ‘s’ and age between 40 to 51.**

SQL> select distinct p\_name from patient p,admitted a where p\_name like 'S%' and p\_age between 40 and 51;

P\_NAME

----------

Sourav**֍ CREATE TABLE HOTEL(h\_id,h\_name,address,contact) ,**

**ROOM(r\_no, h\_id,bed\_type,price) ,**

**BOOKING(h\_id g\_no date\_from date\_to) ,**

**GUEST(g\_n booking\_na g\_address)**

SQL> create table hotel(h\_id varchar(4),h\_name char(10),address char(10),contact number(10));

Table created.

SQL> insert into hotel values(&h\_id,&h\_name,&address,&contact);

Enter value for h\_id: 'k02'

Enter value for h\_name: 'Sunflower'

Enter value for address: 'Kolkata'

Enter value for contact: '8638254852'

old 1: insert into hotel values(&h\_id,&h\_name,&address,&contact)

new 1: insert into hotel values('k02','Sunflower','Kolkata','8638254852')

1 row created.

SQL> insert into hotel values(&h\_id,&h\_name,&address,&contact);

Enter value for h\_id: 'm12'

Enter value for h\_name: 'Taj'

Enter value for address: 'Mumbai'

Enter value for contact: '7578927951'

old 1: insert into hotel values(&h\_id,&h\_name,&address,&contact)

new 1: insert into hotel values('m12','Taj','Mumbai','7578927951')

1 row created.

SQL> insert into hotel values(&h\_id,&h\_name,&address,&contact);

Enter value for h\_id: 'm13'

Enter value for h\_name: 'Panjabisun'

Enter value for address: 'Mumbai'

Enter value for contact: '9234164473'

old 1: insert into hotel values(&h\_id,&h\_name,&address,&contact)

new 1: insert into hotel values('m13','Panjabisun','Mumbai','9234164473')

1 row created.

SQL> insert into hotel values(&h\_id,&h\_name,&address,&contact);

Enter value for h\_id: 'g40'

Enter value for h\_name: 'Gongotri'

Enter value for address: 'Midnapur'

Enter value for contact: '6246381537'

old 1: insert into hotel values(&h\_id,&h\_name,&address,&contact)

new 1: insert into hotel values('g40','Gongotri','Midnapur','6246381537')

1 row created.

SQL> insert into hotel values(&h\_id,&h\_name,&address,&contact);

Enter value for h\_id: 'm02'

Enter value for h\_name: 'Surachi'

Enter value for address: 'Mumbai'

Enter value for contact: '8624645153'

old 1: insert into hotel values(&h\_id,&h\_name,&address,&contact)

new 1: insert into hotel values('m02','Surachi','Mumbai','8624645153')

1 row created.

SQL> create table room(r\_no varchar(4),h\_id varchar(4),bed\_type number(1),price number(5));

Table created.

SQL> insert into room values(&r\_no,&h\_id,&bed\_type,&price);

Enter value for r\_no: '2'

Enter value for h\_id: 'k02'

Enter value for bed\_type: '3'

Enter value for price: '800'

old 1: insert into room values(&r\_no,&h\_id,&bed\_type,&price)

new 1: insert into room values('2','k02','3','800')

1 row created.

SQL> insert into room values(&r\_no,&h\_id,&bed\_type,&price);

Enter value for r\_no: '12'

Enter value for h\_id: 'm12'

Enter value for bed\_type: '1'

Enter value for price: '400'

old 1: insert into room values(&r\_no,&h\_id,&bed\_type,&price)

new 1: insert into room values('12','m12','1','400')

1 row created.

SQL> insert into room values(&r\_no,&h\_id,&bed\_type,&price);

Enter value for r\_no: '04'

Enter value for h\_id: 'm12'

Enter value for bed\_type: '3'

Enter value for price: '1200'

old 1: insert into room values(&r\_no,&h\_id,&bed\_type,&price)

new 1: insert into room values('04','m12','3','1200')

1 row created.

SQL> insert into room values(&r\_no,&h\_id,&bed\_type,&price);

Enter value for r\_no: '7'

Enter value for h\_id: 'm12'

Enter value for bed\_type: '3'

Enter value for price: '1000'

old 1: insert into room values(&r\_no,&h\_id,&bed\_type,&price)

new 1: insert into room values('7','m12','3','1000')

1 row created.

SQL> insert into room values(&r\_no,&h\_id,&bed\_type,&price);

Enter value for r\_no: '02'

Enter value for h\_id: 'm13'

Enter value for bed\_type: '2'

Enter value for price: '600'

old 1: insert into room values(&r\_no,&h\_id,&bed\_type,&price)

new 1: insert into room values('02','m13','2','600')

1 row created.

SQL> insert into room values(&r\_no,&h\_id,&bed\_type,&price);

Enter value for r\_no: '15'

Enter value for h\_id: 'g40'

Enter value for bed\_type: '3'

Enter value for price: '11000'

old 1: insert into room values(&r\_no,&h\_id,&bed\_type,&price)

new 1: insert into room values('15','g40','3','11000')

1 row created.

SQL> insert into room values(&r\_no,&h\_id,&bed\_type,&price);

Enter value for r\_no: '9'

Enter value for h\_id: 'm02'

Enter value for bed\_type: '1'

Enter value for price: '300'

old 1: insert into room values(&r\_no,&h\_id,&bed\_type,&price)

new 1: insert into room values('9','m02','1','300')

1 row created.

SQL> create table booking(h\_id varchar(4),g\_no number(2),date\_from date,date\_to date);

Table created.

SQL> insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to);

Enter value for h\_id: 'k02'

Enter value for g\_no: '3'

Enter value for date\_from: '12-jun-2018'

Enter value for date\_to: '03-feb-2019'

old 1: insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to)

new 1: insert into booking values('k02','3','12-jun-2018','03-feb-2019')

1 row created.

SQL> insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to);

Enter value for h\_id: 'm12'

Enter value for g\_no: '10'

Enter value for date\_from: '03-jan-2018'

Enter value for date\_to: '11-mar-2018'

old 1: insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to)

new 1: insert into booking values('m12','10','03-jan-2018','11-mar-2018')

1 row created.

SQL> insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to);

Enter value for h\_id: 'm13'

Enter value for g\_no: '4'

Enter value for date\_from: '23-aug-2017'

Enter value for date\_to: '16-apr-2018'

old 1: insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to)

new 1: insert into booking values('m13','4','23-aug-2017','16-apr-2018')

1 row created.

SQL> insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to);

Enter value for h\_id: 'g40'

Enter value for g\_no: '12'

Enter value for date\_from: '14-jun-2018'

Enter value for date\_to: '24-sep-2018'

old 1: insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to)

new 1: insert into booking values('g40','12','14-jun-2018','24-sep-2018')

1 row created.

SQL> insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to);

Enter value for h\_id: 'm02'

Enter value for g\_no: '3'

Enter value for date\_from: '20-feb-2017'

Enter value for date\_to: '04-jan-2018'

old 1: insert into booking values(&h\_id,&g\_no,&date\_from,&date\_to)

new 1: insert into booking values('m02','3','20-feb-2017','04-jan-2018')

1 row created.

SQL> create table guest(g\_no number(2),booking\_name char(10),g\_address char(10));

Table created.

SQL> insert into guest values(&g\_no,&booking\_name,&g\_address);

Enter value for g\_no: '3'

Enter value for booking\_name: 'Ayan Mal'

Enter value for g\_address: 'Ghatal'

old 1: insert into guest values(&g\_no,&booking\_name,&g\_address)

new 1: insert into guest values('3','Ayan Mal','Ghatal')

1 row created.

SQL> insert into guest values(&g\_no,&booking\_name,&g\_address);

Enter value for g\_no: '10'

Enter value for booking\_name: 'Ratan Sing'

Enter value for g\_address: 'Gujrat'

old 1: insert into guest values(&g\_no,&booking\_name,&g\_address)

new 1: insert into guest values('10','Ratan Sing','Gujrat')

1 row created.

SQL> insert into guest values(&g\_no,&booking\_name,&g\_address);

Enter value for g\_no: '4'

Enter value for booking\_name: 'Sam Shina'

Enter value for g\_address: 'Goa'

old 1: insert into guest values(&g\_no,&booking\_name,&g\_address)

new 1: insert into guest values('4','Sam Shina','Goa')

1 row created.

SQL> insert into guest values(&g\_no,&booking\_name,&g\_address);

Enter value for g\_no: '12'

Enter value for booking\_name: 'Utpal pal'

Enter value for g\_address: 'Midnapur'

old 1: insert into guest values(&g\_no,&booking\_name,&g\_address)

new 1: insert into guest values('12','Utpal pal','Midnapur')

1 row created.

SQL> insert into guest values(&g\_no,&booking\_name,&g\_address);

Enter value for g\_no: '3'

Enter value for booking\_name: 'Suman Sahu'

Enter value for g\_address: 'Karnatak'

old 1: insert into guest values(&g\_no,&booking\_name,&g\_address)

new 1: insert into guest values('3','Suman Sahu','Karnatak')

1 row created.

SQL> select \* from hotel;

H\_ID H\_NAME ADDRESS CONTACT

---- ---------- ---------- ----------

k02 Sunflower Kolkata 8638254852

m12 Taj Mumbai 7578927951

m13 Panjabisun Mumbai 9234164473

g40 Gongotri Midnapur 6246381537

m02 Surachi Mumbai 8624645153

SQL> select \* from room;

R\_NO H\_ID BED\_TYPE PRICE

---- ---- ---------- ----------

2 k02 3 800

12 m12 1 400

4 m12 3 1200

7 m12 3 1000

2 m13 2 600

15 g40 3 11000

9 m02 1 300

7 rows selected.

SQL> select \* from booking;

H\_ID G\_NO DATE\_FROM DATE\_TO

---- ---------- --------- ---------

k02 3 12-JUN-18 03-FEB-19

m12 10 03-JAN-18 11-MAR-18

m13 4 23-AUG-17 16-APR-18

g40 12 14-JUN-18 24-SEP-18

m02 3 20-FEB-17 04-JAN-18

SQL> select \* from guest;

G\_N BOOKING\_NA G\_ADDRESS

--- ---------- ----------

3 Ayan Mal Ghatal

10 Ratan Sing Gujrat

4 Sam Shina Goa

12 Utpal pal Midnapur

3 Suman Sahu Karnatak

**QUARYs:»**

**● List all family room with a price bellow rupes 1000.**

SQL> select r\_no from room where bed\_type>2 and price<1000;

R\_NO

----

2

**● List the price and type of the room at Taj hotel.**

SQL> select r\_no,price,bed\_type from room where h\_id='m12';

R\_NO PRICE BED\_TYPE

---- ---------- ----------

12 400 1

4 1200 3

7 1000 3

**● What is the total revinue per night from all three bed\_room.**

SQL> select sum(price)from room where bed\_type=3;

SUM(PRICE)

----------

14000

**● Count three bed\_room in Taj hotel.**

SQL> select count(r\_no)from room where bed\_type=3 and h\_id='m12';

COUNT(R\_NO)

-----------

2

**● How many hotel are there in Mumbai.**

SQL> select count(h\_id)from hotel where address='Mumbai';

COUNT(H\_ID)

-----------

3

**֍ CREATE TABLE CUSTOMER(c\_id,c\_name,city,discount)**

**AGENTS (a\_id,name,city)**

**PRODUCT(p\_id,p\_name,city,quantity,price)**

**ORDERS(o\_no,month,c\_id,p\_id,quantity)**

SQL> create table customer(c\_id varchar(4),c\_name char(10),city char(10));

Table created.

SQL> insert into customer values('c001','Suman Pal','Kolkata');

1 row created.

SQL> insert into customer values('c002','Ram Maity','Tamluk');

1 row created.

SQL> insert into customer values('c003','Sam Kar','Mahishadal');

1 row created.

SQL> insert into customer values('c004','Pradip Das','Ghatal');

1 row created.

SQL> create table agent(a\_id varchar(4),a\_name char(10),city char(10));

Table created.

SQL> insert into agent values('a001','Pritam Pal','Mahishadal');

1 row created.

SQL> insert into agent values('a002','Anup Roy','Kolkata');

1 row created.

SQL> insert into agent values('a003','Pulak Jana','Tamluk');

1 row created.

SQL> insert into agent values('a004','Som Das','Ghatal');

1 row created.

SQL> create table product(p\_id varchar(4),p\_name char(10),city char(10),quqntity number(5),price number(7));

Table created.

SQL> insert into product values('p001','Biscuit','Mahishadal','40','2000');

1 row created.

SQL> insert into product values('p002','cacke','Kolkata','15','3000');

1 row created.

SQL> insert into product values('p003','chips','Tamluk','30','2500');

1 row created.

SQL> insert into product values('p004','tea','Ghatal','23','4500');

1 row created.

SQL> create table orders(o\_no varchar(4),month char(10),c\_id varchar(4),p\_id varchar(4),a\_id varchar(4),quantity number(5),price number(7));

Table created.

SQL> insert into orders values('o001','March','c001','p001','a001','40','2000');

1 row created.

SQL> insert into orders values('o002','April','c002','p002','a002','15','3000');

1 row created.

SQL> insert into orders values('o003','May','c003','p003','a003','30','2500');

1 row created.

SQL> insert into orders values('o004','June','c004','p004','a004','23','4500');

1 row created.

SQL> select \* from customer;

C\_ID C\_NAME CITY

---- ---------- ----------

c001 Suman Pal Kolkata

c002 Ram Maity Tamluk

c003 Sam Kar Mahishadal

c004 Pradip Das Ghatal

SQL> select \* from agent;

A\_ID A\_NAME CITY

---- ---------- ----------

a001 Pritam Pal Mahishadal

a002 Anup Roy Kolkata

a003 Pulak Jana Tamluk

a004 Som Das Ghatal

SQL> select \* from product;

P\_ID P\_NAME CITY QUQNTITY PRICE

---- ---------- ---------- ---------- ----------

p001 Biscuit Mahishadal 40 2000

p002 cacke Kolkata 15 3000

p003 chips Tamluk 30 2500

p004 tea Ghatal 23 4500

SQL> select \* from orders;

O\_NO MONTH C\_ID P\_ID A\_ID QUANTITY PRICE

---- ---------- ---- ---- ---- ---------- ----------

o001 March c001 p001 a001 40 2000

o002 April c002 p002 a002 15 3000

o003 May c003 p003 a003 30 2500

o004 June c004 p004 a004 23 4500

**QUARYs:»**

**● Find all customer id,agent id and product id from customer agent and product combinations that are all in the same city.**

SQL> select c\_id,a\_id,p\_id,c.city from customer c,agent a,product p where c.city=a.city and a.city=p.city;

C\_ID A\_ID P\_ID CITY

---- ---- ---- ----------

c003 a001 p001 Mahishadal

c001 a002 p002 Kolkata

c002 a003 p003 Tamluk

c004 a004 p004 Ghatal

**● Get name of agent who pay order for all product by customer c003.**

SQL> select a\_name from agent a,orders o where a.a\_id=o.a\_id and c\_id='c003';

A\_NAME

----------

Pulak Jana

**● Find the name of the agent who order highest price and also find the name that customer who receive that product.**

SQL> select a\_name,c\_name from agent a,orders o,customer c where o.a\_id=a.a\_id and c.c\_id=o.c\_id and price=(select max(price)from orders);

A\_NAME C\_NAME

---------- ----------

Som Das Pradip Das

**● Find the product which is sell most.**

SQL> select p\_name from product p,orders o where p.p\_id=o.p\_id and quantity=(select max(quantity)from orders);

P\_NAME

----------

Biscuit

**● Get the details of product chips.**

SQL> select \* from product where p\_name='chips';

P\_ID P\_NAME CITY QUQNTITY PRICE

---- ---------- ---------- ---------- ----------

p003 chips Tamluk 30 2500

**● Get the product orderd by customer through an agent based in**

**Kolkata.**

SQL> select p\_name from product p,orders o,agent a where o.p\_id=p.p\_id and o.a\_id=a.a\_id and a.city='Kolkata';

P\_NAME

----------

cacke