**Name: Aditya Shankar Khorne TE-C-06**

**1)create table department with field deptno,dname,location**

SQL> create table Department(dept\_no int primary key, Dname varchar(10), location var

char(10));

Table created.

SQL> desc department;

Name Null? Type

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

DEPT\_NO NOT NULL NUMBER(38)

DNAME VARCHAR2(10)

LOCATION VARCHAR2(10)

**2)insert the following records in department table.**

SQL> insert into department values(10,'accounting','mumbai');

1 row created.

SQL> insert into department values(0,'research','pune');

1 row created.

SQL> insert into department values(30,'sales','nashik');

1 row created.

SQL> insert into department values(40,'operations','nagpur');

1 row created.

SQL> insert into department values(20,'teacher','satara');

1 row created.

SQL> select \*from department;

DEPT\_NO DNAME LOCATION

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

10 accounting mumbai

0 research pune

30 sales nashik

40 operations Nagpur

20 teacher satara

**3)Create table employee as shown below**

SQL>create table Employee2(Emp\_no int primary key,E\_name varchar(20),

job varchar(20) not null, Mgr int,Joined\_date date,Salary int,Commission int,Dept\_no int references Department(Dept\_no),Address varchar(20));

SQL> INSERT ALL

INTO Employee2 VALUES (1001, 'Nilesh Joshi', 'Clerk', 1005, TO\_DATE('17-DEC-1995', 'DD-MON-YYYY'), 2800, 600, 30, 'Nashik')

INTO Employee2 VALUES (1002, 'Avinash Pawar', 'Salesman', 1003, TO\_DATE('20-FEB-1996', 'DD-MON-YYYY'), 5000, 1200, 40, 'Nagpur')

INTO Employee2 VALUES (1003, 'Amit Kumar', 'Manager', 1004, TO\_DATE('02-APR-1986', 'DD-MON-YYYY'), 2000, NULL, 0, 'Pune')

INTO Employee2 VALUES (1004, 'Nitin Kulkarni', 'President', NULL, TO\_DATE('19-APR-1986', 'DD-MON-YYYY'), 50000, NULL, 10, 'Mumbai')

INTO Employee2 VALUES (1005, 'Niraj Sharma', 'Analyst', 1003, TO\_DATE('03-DEC-1998', 'DD-MON-YYYY'), 12000, NULL, 20, 'Satara')

INTO Employee2 VALUES (1006, 'Pushkar Deshpande', 'Salesman', 1003, TO\_DATE('01-SEP-1996', 'DD-MON-YYYY'), 6500, 1500, 0, 'Pune')

INTO Employee2 VALUES (1007, 'Sumit Patil', 'Manager', 1004, TO\_DATE('01-MAY-1991', 'DD-MON-YYYY'), 25000, NULL, 10, 'Mumbai')

SELECT \* FROM dual;

7 rows created.

**4)Write a query to display employee information. Write name of column explicitly**

SQL> select \*from employee2;

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION DEPT\_NO ADDRESS

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

1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600 30 Nashik

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 Nagpur

1003 Amit Kumar Manager 1004 02-APR-86 2000 0 Pune

1004 Nitin Kulkarni President 19-APR-86 5000010 Mumbai

1005 Niraj Sharma Analyst 1003 03-DEC-98 1200020 Satara

1006 Pushkar Deshpande Salesman 1003 01-SEP-96 6500 1500 0 Pune

1007 Sumit Patil Manager 1004 01-MAY-91 2500010 Mumbai

7 rows selected.

**5)Create a query to display unique Job from the tables**

SQL> select emp\_no,e\_name,job,mgr,joined\_date,salary,commission,dept\_no,address from employee2;

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION DEPT\_NO ADDRESS

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

1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600 30 Nashik

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 Nagpur

1003 Amit Kumar Manager 1004 02-APR-86 2000 0 Pune

1004 Nitin Kulkarni President 19-APR-86 5000010 Mumbai

1005 Niraj Sharma Analyst 1003 03-DEC-98 1200020 Satara

1006 Pushkar Deshpande Salesman 1003 01-SEP-96 6500 1500 0 Pune

1007 Sumit Patil Manager 1004 01-MAY-91 2500010 Mumbai

7 rows selected.

**6)Create a query to display unique job from table.**

SQL> select distinct job from employee2;

JOB

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

Salesman

President

Clerk

Manager

Analyst

**7)Change the location of department 40 to Banglore instead of Nagpur.**

SQL> update employee2 set address='banglore' where dept\_no=30;

1 row updated.

SQL> update employee2 set address='banglore' where dept\_no=40;

1 row updated.

**8)Change the name of employees 1003 to Nikhil Gosavi**

SQL> update employee2 set e\_name='nikhil gosavi' where emp\_no=1003;

1 row updated.

SQL> update department set Location='banglore' where dept\_no=40;

1 row updated.

**9)Delete Pushkar Deshpande from Employee table**

SQL> delete from employee2 where emp\_no=1006;

1 rows deleted.

SQL> delete from employee2 where emp\_no=1006;

0 rows deleted.

**10)Create Table Department\_temp table from department table, Only created the structure and not content**

SQL> create table department\_temp as select \*from department;

Table created.

SQL> drop table department\_temp;

Table dropped.

SQL> create table department\_temp as select \*from department;

Table created

SQL> drop table department\_temp;

Table dropped.

SQL> create table department\_temp as select \*from department where 1=2;

Table created.

SQL> select \* from department\_temp;

no rows selected

**11)Insert rows into department\_temp table from department table**

SQL> insert into department\_temp select \*from department;

5 rows created.

**12)Insert rows into department\_temp from department table.**

SQL> insert into department\_temp(Dept\_no,Dname,Location)select Dept\_no,Dname,Location

from department;

5 rows created.

**13)Display the list of employee who’s salary between 5000 & 20000**

SQL> select \* from employee2 where salary between 5000 and 20000;

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION DEPT\_NO ADDRESS

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

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 banglore

1005 Niraj Sharma Analyst 1003 03-DEC-98 1200020 Satara

**14)Display the list of employee excluding job title as salesman**

SQL> select \* from employee2 where job not in('salesman');

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION DEPT\_NO ADDRESS

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

1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600 30 banglore

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 banglore

1003 nikhil gosavi Manager 1004 02-APR-86 2000 0 Pune

1004 Nitin Kulkarni President 19-APR-86 5000010 Mumbai

1005 Niraj Sharma Analyst 1003 03-DEC-98 1200020 Satara

1007 Sumit Patil Manager 1004 01-MAY-91 2500010 Mumbai

6 rows selected.

**15)Display all those employees who’s job title is either Manager or Analyst(write by using OR & IN operator)**

SQL> select \* from employee2 where job=('manager') or job=('analyst');

no rows selected

SQL> select \* from employee2 where job='manager' or job='analyst';

no rows selected

SQL> select \* from employee2 where job=('manager') OR job=('analyst');

no rows selected

SQL> select \* from employee2 where job='manager' OR job='analyst';

no rows selected

SQL> select \* from employee2 where job='Manager' or job='Analyst';

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION DEPT\_NO ADDRESS

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

1003 nikhil gosavi Manager 1004 02-APR-86 2000 0 Pune

1005 Niraj Sharma Analyst 1003 03-DEC-98 1200020 Satara

1007 Sumit Patil Manager 1004 01-MAY-91 2500010 Mumbai

**16)Display the employee name and department number of all employees in department 10,20,30,40**

SQL> select dept\_no,e\_name from employee2 where dept\_no in(10,20,30,40);

DEPT\_NO E\_NAME

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

30 Nilesh Joshi

40 Avinash Pawar

10 Nitin Kulkarni

20 Niraj Sharma

10 Sumit Patil

**17)Display the employee number, name , job and commission of all employees who do not get any commission**

SQL> select emp\_no,e\_name,job,commission from employee2 where commission=0 OR commission=null;

no rows selected

SQL> select emp\_no,e\_name,job,commission from employee2 where commission=0 OR commission=NULL;

no rows selected

SQL> desc employee2;

Name Null? Type

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

EMP\_NO NOT NULL NUMBER(38)

E\_NAME VARCHAR2(20)

JOB NOT NULL VARCHAR2(20)

MGR NUMBER(38)

JOINED\_DATE DATE

SALARY NUMBER(38)

COMMISSION NUMBER(38)

DEPT\_NO NUMBER(38)

ADDRESS VARCHAR2(20)

SQL> desc department

Name Null? Type

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

DEPT\_NO NOT NULL NUMBER(38)

DNAME VARCHAR2(10)

LOCATION VARCHAR2(10)

SQL> select \* from employee2;

SP2-0253: data item 1 ("EMP\_NO") will not fit on line

SQL> set linesize 100;

SQL> select \* from employee2;

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600

30 banglore

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200

40 banglore

1003 nikhil gosavi Manager 1004 02-APR-86 2000

0 Pune

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1004 Nitin Kulkarni President 19-APR-86 50000

10 Mumbai

1005 Niraj Sharma Analyst 1003 03-DEC-98 12000

20 Satara

1007 Sumit Patil Manager 1004 01-MAY-91 25000

10 Mumbai

6 rows selected.

SQL> select \* from department;

DEPT\_NO DNAME LOCATION

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

10 accounting mumbai

0 research pune

30 sales nashik

40 operations banglore

20 teacher satara

**18) Display the name and Salary of all employee who’s salary not in the range of 5000 and 10000**

SQL> select e\_name,salary from employee2 where salary not between 5000 and 10000;

E\_NAME SALARY

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

Nilesh Joshi 2800

nikhil gosavi 2000

Nitin Kulkarni 50000

Niraj Sharma 12000

Sumit Patil 25000

**19) Find all names and join date of employee who’s name start with A**

SQL> select e\_name,joined\_date from employee2 where e\_name like'A%';

E\_NAME JOINED\_DA

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

Avinash Pawar 20-FEB-96

**20) Find all names of employee having “I” as a Second letter in their names.**

SQL> select e\_name from employee2 where e\_name like'\_i%';

E\_NAME

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

Nilesh Joshi

nikhil gosavi

Nitin Kulkarni

Niraj Sharma

**21) Find employee number,name of employees who’s commission is not null**

SQL> select emp\_no,e\_name from employee2 where commission not in(0);

EMP\_NO E\_NAME

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

1001 Nilesh Joshi

1002 Avinash Pawar

SQL> select emp\_no,e\_name,commission from employee2 where commission not in(0);

EMP\_NO E\_NAME COMMISSION

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

1001 Nilesh Joshi 600

1002 Avinash Pawar 1200

SQL> select emp\_no,e\_name,commission from employee2 where commission in(0);

no rows selected

SQL> select emp\_no,e\_name,commission from employee2 where commission is not null;

EMP\_NO E\_NAME COMMISSION

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

1001 Nilesh Joshi 600

1002 Avinash Pawar 1200

**22) Display all employee information in the descending order of employee number**

SQL> select \* from employee2 order by emp\_no desc;

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1007 Sumit Patil Manager 1004 01-MAY-91 25000

10 Mumbai

1005 Niraj Sharma Analyst 1003 03-DEC-98 12000

20 Satara

1004 Nitin Kulkarni President 19-APR-86 50000

10 Mumbai

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1003 nikhil gosavi Manager 1004 02-APR-86 2000

0 Pune

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200

40 banglore

1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600

30 banglore

6 rows selected.

SQL> desc employee2;

Name Null? Type

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

EMP\_NO NOT NULL NUMBER(38)

E\_NAME VARCHAR2(20)

JOB NOT NULL VARCHAR2(20)

MGR NUMBER(38)

JOINED\_DATE DATE

SALARY NUMBER(38)

COMMISSION NUMBER(38)

DEPT\_NO NUMBER(38)

ADDRESS VARCHAR2(20)

SQL> select \*from employee2;

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600

30 banglore

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200

40 banglore

1003 nikhil gosavi Manager 1004 02-APR-86 2000

0 Pune

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1004 Nitin Kulkarni President 19-APR-86 50000

10 Mumbai

1005 Niraj Sharma Analyst 1003 03-DEC-98 12000

20 Satara

1007 Sumit Patil Manager 1004 01-MAY-91 25000

10 Mumbai

6 rows selected.

SQL> select \* from employee2 order by emp\_no asc;

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600

30 banglore

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200

40 banglore

1003 nikhil gosavi Manager 1004 02-APR-86 2000

0 Pune

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1004 Nitin Kulkarni President 19-APR-86 50000

10 Mumbai

1005 Niraj Sharma Analyst 1003 03-DEC-98 12000

20 Satara

1007 Sumit Patil Manager 1004 01-MAY-91 25000

10 Mumbai

6 rows selected.

**23) Display the minimum , maximum sum and average of each Job type**

SQL> select salary from employee2 where salary=(select min(salary)from employee2);

SALARY

----------

2000

SQL> select min(salary) as min\_salary from employee2;

MIN\_SALARY

----------

2000

SQL> select max(salary) as max\_salary from employee2;

MAX\_SALARY

----------

50000

SQL> select avg(salary) as avg\_salary from employee2;

AVG\_SALARY

----------

16133.3333

SQL> select sum(salary) as sum\_salary from employee2;

SUM\_SALARY

----------

96800

SQL> select count(salary) as count\_salary from employee2;

COUNT\_SALARY

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

6

SQL> select min(salary) as min\_salary,max(salary)as max\_salary,sum(salary)as sum\_salary,avg(salary)as avg\_salary from employee2;

MIN\_SALARY MAX\_SALARY SUM\_SALARY AVG\_SALARY

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

2000 50000 96800 16133.3333

SQL> select Job, min(salary) as min\_salary,max(salary)as max\_salary,sum(salary)as sum\_salary,avg(salary)as avg\_salary from employee2 group by Job;

JOB MIN\_SALARY MAX\_SALARY SUM\_SALARY AVG\_SALARY

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

Salesman 5000 5000 5000 5000

President 50000 50000 50000 50000

Clerk 2800 2800 2800 2800

Manager 2000 25000 27000 13500

Analyst 12000 12000 12000 12000

**24) Write a query to display the number of employee with the same department**

SQL> select Dept\_no,count(\*) as count\_no from employee2 group by Dept\_no;

DEPT\_NO COUNT\_NO

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

40 1

30 1

10 2

20 1

0 1

**25) Select employee number, ename according to the annual salary in ascending order**

SQL> select emp\_no,e\_name,12\*salary as annual\_salary from employee2 order by annual\_salary asc;

EMP\_NO E\_NAME ANNUAL\_SALARY

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

1003 nikhil gosavi 24000

1001 Nilesh Joshi 33600

1002 Avinash Pawar 60000

1005 Niraj Sharma 144000

1007 Sumit Patil 300000

1004 Nitin Kulkarni 600000

6 rows selected.

**26) Find the department number, maximum salary where maximum salary is greater than 5000**

**SQL> select Dept\_no,max(salary) as max\_salary from employee2 group by dept\_no having max(salary)>=5000;**

**DEPT\_NO MAX\_SALARY**

**---------- ----------**

**40 5000**

**10 50000**

**20 12000**

**SQL> select Dept\_no,max(salary) as max\_salary from employee2 group by dept\_no having max(salary)>5000;**

DEPT\_NO MAX\_SALARY

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

10 50000

20 12000

**27) Find all distinct column values from employee and department table**

SQL> select distinct \* from employee2;

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600

30 banglore

1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200

40 banglore

1003 nikhil gosavi Manager 1004 02-APR-86 2000

0 Pune

EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION

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

DEPT\_NO ADDRESS

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

1004 Nitin Kulkarni President 19-APR-86 50000

10 Mumba

1005 Niraj Sharma Analyst 1003 03-DEC-98 12000

20 Satara

1007 Sumit Patil Manager 1004 01-MAY-91 25000

10 Mumbai

6 rows selected.

SQL> select distinct \* from department;

DEPT\_NO DNAME LOCATION

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

10 accounting mumbai

0 research pune

30 sales nashik

40 operations banglore

20 teacher satara

SQL> select distinct \* from department,employee2;

DEPT\_NO DNAME LOCATION EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION DEPT\_NO ADDRESS

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

10 accounting mumbai 1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600 30 banglore

10 accounting mumbai 1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 banglore

10 accounting mumbai 1003 nikhil gosavi Manager 1004 02-APR-86 2000 0 Pune

10 accounting mumbai 1004 Nitin Kulkarni President 19-APR-86 50000 10 Mumbai

10 accounting mumbai 1005 Niraj Sharma Analyst 1003 03-DEC-98 12000 20 Satara

10 accounting mumbai 1007 Sumit Patil Manager 1004 01-MAY-91 25000 10 Mumbai

0 research pune 1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600 30 banglore

0 research pune 1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 banglore

0 research pune 1003 nikhil gosavi Manager 1004 02-APR-86 2000 0 Pune

0 research pune 1004 Nitin Kulkarni President 19-APR-86 50000 10 Mumbai

0 research pune 1005 Niraj Sharma Analyst 1003 03-DEC-98 12000 20 Satara

DEPT\_NO DNAME LOCATION EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION DEPT\_NO ADDRESS

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

0 research pune 1007 Sumit Patil Manager 1004 01-MAY-91 25000 10 Mumbai

30 sales nashik 1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600 30 banglore

30 sales nashik 1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 banglore

30 sales nashik 1003 nikhil gosavi Manager 1004 02-APR-86 2000 0 Pune

30 sales nashik 1004 Nitin Kulkarni President 19-APR-86 50000 10 Mumbai

30 sales nashik 1005 Niraj Sharma Analyst 1003 03-DEC-98 12000 20 Satara

30 sales nashik 1007 Sumit Patil Manager 1004 01-MAY-91 25000 10 Mumbai

40 operations banglore 1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600 30 banglore

40 operations banglore 1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 banglore

40 operations banglore 1003 nikhil gosavi Manager 1004 02-APR-86 2000 0 Pune

40 operations banglore 1004 Nitin Kulkarni President 19-APR-86 50000 10 Mumbai

DEPT\_NO DNAME LOCATION EMP\_NO E\_NAME JOB MGR JOINED\_DA SALARY COMMISSION DEPT\_NO ADDRESS

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

40 operations banglore 1005 Niraj Sharma Analyst 1003 03-DEC-98 12000 20 Satara

40 operations banglore 1007 Sumit Patil Manager 1004 01-MAY-91 25000 10 Mumbai

20 teacher satara 1001 Nilesh Joshi Clerk 1005 17-DEC-95 2800 600 30 banglore

20 teacher satara 1002 Avinash Pawar Salesman 1003 20-FEB-96 5000 1200 40 banglore

20 teacher satara 1003 nikhil gosavi Manager 1004 02-APR-86 2000 0 Pune

20 teacher satara 1004 Nitin Kulkarni President 19-APR-86 50000 10 Mumbai

20 teacher satara 1005 Niraj Sharma Analyst 1003 03-DEC-98 12000 20 Satara

20 teacher satara 1007 Sumit Patil Manager 1004 01-MAY-91 25000 10 Mumbai

30 rows selected.

**28) Find all column values with duplicate from employee and department table**

SQL> select emp\_no,count(emp\_no)as new\_emp from employee2 group by emp\_no having count(emp\_no)>1;

no rows selected

SQL> select emp\_no,count(emp\_no)as new\_emp from employee2 group by emp\_no having count(emp\_no)>2;

no rows selected

SQL> select emp\_no,count(emp\_no)as new\_emp from employee2 group by emp\_no having count(emp\_no)>1005;

no rows selected

SQL> select emp\_no,count(emp\_no)as new\_emp from employee2 group by emp\_no having count(emp\_no)>1001;

no rows selected

**29) Find all common values which are common in both Employee and department table**

SQL> select distinct Dept\_no from employee2 union select distinct Dept\_no from department;

DEPT\_NO

----------

0

10

20

30

40

SQL> select Dept\_no as id,Dname as name,Location as info from department union all select Dept\_no as id,e\_name as name,Address as info from employee2;

ID NAME INFO

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

10 accounting mumbai

0 research pune

30 sales nashik

40 operations banglore

20 teacher satara

30 Nilesh Joshi banglore

40 Avinash Pawar banglore

0 nikhil gosavi Pune

10 Nitin Kulkarni Mumbai

20 Niraj Sharma Satara

10 Sumit Patil Mumbai

11 rows selected.

SQL> select Dept\_no from employee2 intersect select Dept\_no from department;

DEPT\_NO

----------

0

10

20

30

40

**30) Find all distinct column values present in employee but not in department table**

SQL> select distinct Dept\_no from employee2 minus select distinct Dept\_no from department;

no rows selected

SQL> select distinct Address from employee2 minus select distinct Location from department;

ADDRESS

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

Mumbai

Pune

Satara

**31) Display the number of employees in the department 30 who can earn a commission**

SQL> select count(\*)as no\_of\_employee2 from employee2 where Dept\_no=30 and commission is not null and commission>0;

NO\_OF\_EMPLOYEE2

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

1