**Question 3**

4, insert into emp(empno,ename,job,salary,commision,deptno)values(&no,'&ename','&job',&sal,&comm,&deptno);

5,Insert job as ‘CLERK’ for all ‘NULL’ job types.

update emp set job='clerk' where job='null';

6,Add a new field ‘date\_join’ with following values

alter table emp add date\_join date;

update emp set date\_join='09-JUN-81' where empno=7782;

7,Display details of all employees.

select \* from emp;

**OP**

EMPNO ENAME JOB SALARY COMMISION

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

DEPTNO DATE\_JOIN

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

7369 smith clerk 2000 800

20 17-DEC-80

7499 Allen salesman 1600 300

30 20-FEB-81

7521 Ward salesman 1250 500

30 22-FEB-81

EMPNO ENAME JOB SALARY COMMISION

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

DEPTNO DATE\_JOIN

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

7566 jones manager 2975

20 02-APR-81

7654 Martin salesman 1250 1400

30 28-SEP-81

7698 blake manager 2850

30 01-MAY-81

EMPNO ENAME JOB SALARY COMMISION

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

DEPTNO DATE\_JOIN

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

7782 clark manager 2450

10 09-JUN-81

7788 scptt analyst 3000

20 19-APR-87

7839 king president 5000

10 17-NOV-81

EMPNO ENAME JOB SALARY COMMISION

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

DEPTNO DATE\_JOIN

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

7844 turner salesman 1500

30 08-SEP-81

7876 Adams clerk 1100

20 23-MAY-87

7900 james clerk 950

30 03-DEC-81

EMPNO ENAME JOB SALARY COMMISION

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

DEPTNO DATE\_JOIN

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

7902 Ford analyst 3000

20 03-DEC-81

7934 Miller clerk 1300

10 23-JAN-82

14 rows selected.

**8**, Display all the distinct job types in ‘EMP’.

select distinct job from emp;

**OP**

JOB

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

salesman

clerk

president

manager

Analyst

9,Display names of all employees in dept 20 and 30

select ename from emp where deptno in(20,30);

**OP**

ENAME

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

smith

Allen

Ward

jones

Martin

blake

scptt

turner

Adams

james

Ford

11 rows selected.

10, List name and Total of salary i.e sal+commission

select ename,(salary+commision) as "total\_salary" from emp;

**OP**

ENAME total\_salary

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

smith 2800

Allen 1900

Ward 1750

jones

Martin 2650

blake

clark

scptt

king

turner

Adams

ENAME total\_salary

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

james

Ford

Miller

14 rows selected.

11, List name and Annual Salary i.e sal\*12

select ename,(salary\*12) as "annual\_salary" from emp;

**OP**

ENAME annual\_salary

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

smith 24000

Allen 19200

Ward 15000

jones 35700

Martin 15000

blake 34200

clark 29400

scptt 36000

king 60000

turner 18000

Adams 13200

ENAME annual\_salary

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

james 11400

Ford 36000

Miller 15600

14 rows selected.

12, List the employee who joined in the date ‘03-DEC-81’

select \* from emp where date\_join='03-DEC-81';

**OP**

EMPNO ENAME JOB SALARY COMMISION

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

DEPTNO DATE\_JOIN

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

7900 james clerk 950

30 03-DEC-81

7902 Ford analyst 3000

20 03-DEC-81

13, Display the total salary of ‘Miller’

select (salary+commision) from emp where ename='Miller';

(SALARY+COMMISION)

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

select salary from emp where ename='Miller';

SALARY

----------

1300

14, Delete the employee ‘Miller’ from’EMP’

delete from emp where ename='Miller';

1 row deleted.

15, Display name and deptno of all employees.

select ename,deptno from emp;

**OP**

ENAME DEPTNO

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

smith 20

Allen 30

Ward 30

jones 20

Martin 30

blake 30

clark 10

scptt 20

king 10

turner 30

Adams 20

ENAME DEPTNO

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

james 30

Ford 20

13 rows selected.

16, Remove the field ‘commission’ fom’EMP’ after updating salary with total salary, i.e sal+commission

update emp set salary=salary+commision;

13 rows updated.

select salary from emp;

SALARY

----------

2000

1600

1250

2975

1250

2850

2450

3000

5000

1500

1100

SALARY

----------

950

3000

13 rows selected.

SQL> alter table emp drop column commision;

**OP**

Table altered.

SQL> describe emp;

Name Null? Type

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

EMPNO NUMBER(5)

ENAME VARCHAR2(25)

JOB VARCHAR2(12)

SALARY NUMBER(10,2)

DEPTNO NUMBER(7,2)

DATE\_JOIN DATE

17,Display the name of employees having the same amount of salary **( don’t use subqueries**)

18, Display the name and employee no as ‘name’ and ‘emp\_id’

select ename as name,empno as emp\_id from emp;

NAME EMP\_ID

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

smith 7369

Allen 7499

Ward 7521

jones 7566

Martin 7654

blake 7698

clark 7782

scptt 7788

king 7839

turner 7844

Adams 7876

NAME EMP\_ID

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

james 7900

Ford 7902

13 rows selected.

19,Rename table ‘EMP’ to ‘EMPLOYEE’

SQL> rename emp to employee;

Table renamed.

20, Create a new table ‘EMP\_TAB’ from table ‘EMPLOYEE’

SQL> create table emp\_tab as select empno,ename,job from employee;

Table created.

21, List the details of ‘EMPLOYEE’ and ‘EMPTAB’

22, Delete all records from ‘EMP’

truncate table emp;

23, Delete the table ‘EMP’

Delete table emp;