

Additional Program 2

Aim: To create a table called Employee with the following Structure and Answer the following queries.

Name	Type
Empno	Number
Ename	Varchar2(20)
Job	Varchar2(20)
Mgr	Number
Sal	Number

Sql>createtable Employee (Empnnumber, Ename varchar2(20), job varchar2(20), Mgrnumber, Sal number);

Or

Sql>createtable Employee (Empnnumber, Ename varchar2(20), job varchar2(20), Mgrnumber, Sal number); constraintpk_employeesprimarykey (empno), constraintfk_employees_deptnoforeignkey (deptno) references DEPARTMENTS (deptno));

Sql> Select * from Employee;

Output:

a. Add a column commission with domain to the Employee

table Sql> Altertable employee add commission number;

Output:

b. Insert any five records in to the table.

Sql> INSERT INTO Employee VALUES (1, 'King', 'ITmanager', '100', '20000');

Sql> INSERT INTO Employee VALUES (5, 'blake', 'IT', '200', '30000');

Sql> INSERT INTO Employee VALUES (9, 'raj', 'manager', '300', '40000'); Sql>

INSERT INTO Employee VALUES (19, 'clarke', 'Assistant', '400', '50000'); Sql>

INSERT INTO Employee VALUES (25, 'mohan', 'clerk', '500', '60000'); Output:

c. Update the column details of job

```
Sql> UPDATE EMPLOYEE SET JOB = 'MANAGER'WHERE JOB IS NULL;
```

Output:

d.Rename the column of Employ table using alter command.

```
Sql>ALTER TABLE Employee RENAME COLUMN Ename TO Employname;
```

Output:

e. Delete the employee whose empno is19.

```
Sql>DELETEempno FROM Employee WHERE empno=19;
```

Output:

Create department table with the following structure and answer the following queries.

Name	Type
Deptno	Number
Deptname	Varchar2(20)
location	Varchar2(20)

```
Sql>CREATE TABLE dept (Deptnnumber,Deptnamevarchar2(20), location varchar2(20) );or
```

```
create table dept( deptno number(2,0), dname varchar2(14), loc varchar2(13),
```

```
constraint pk_dept primary key (deptno));
```

Output:

a. Add column designation to the department

table. `Sql>Alter table dept add designation`

`varchar2(20);` Output:

b. Insert values into the table.

`Sql> insert into dept values(101, 'cse', 'nellore', 'assistant');`

`Sql> insert into dept values(102, 'Ece', 'tpty', 'assistant');`

`Sql> insert into dept values(103, 'eee', 'banglore', 'HR');`

`Sql> insert into dept values(104, 'civil', 'Hyd', 'manager');`

`Sql> insert into dept values(101, 'cse', 'chittoor',
'assistant');` Output:

c. List the records of emp table grouped by dept no

`Sql>SELECT empno from emp, dept , GROUP BY deptno;`

Output:

d. Update the record where dept no is9.

Sql> Update table dept set deptno=9 where location= „tpty“;

Output:

e. Delete any column data from the

table Sql>DELETE location FROM

dept; Output:

To create a table called Customer table and answer the following queries.

Name	Name Type
Custname	Varchar2(20)
custstreet	Varchar2(20)
custcity	Varchar2(20)

Sql>CREATE TABLE customer (custname varchar2(20), custstreetvarchar2(20),
custcityvarchar2(20));

a. Insert records into the table

Sql> insert into customer values(„kumar“, „4street“, „hyd“);

Sql> insert into customer values(„rmesh“, „avanue“, „hyd“);

Sql> insert into customer values(„mahesh“, „amerpet“, „hyd“);

Sql> insert into customer values(„vasu“, „marthali“,
„Banglore“);

Sql> insert into customer values(„hari“, „siliconcity“, „Banglore“);

Output:

b. Add salary column to the table

Sql> Update table customer add salary number;

Output:

c. Alter the table column domain.

Sql> Alter table customer set custname = „cname“;

Output:

d. Drop salary column of the customer

table. Sql> Alter table customer drop column

salary; Output:

e. Delete the rows of customer table whose ust_city is

„hyd“. Sql>DELETEFROMcustomer WHERE custcity =

„hyd“; Output: