

WEEK 1 LAB 1 :**QUESTIONS :****LAB EXERCISES:**

1. Create a table employee with (emp_no, emp_name, emp_address)
2. Insert five employees information.
3. Display names of all employees.
4. Display all the employees from 'udupi'.
5. Add a column named salary to employee table.
6. Assign the salary for all employees.
7. View the structure of the table employee using describe.
8. Delete all the employees from 'udupi'
9. Rename employee as employee1.
10. Drop the table employee1.

ANSWER :

1. create table employee(emp_no char(5),emp_name varchar(20),emp_address varchar(30));
2. insert into employee values('11111','shahil','manipal');
insert into employee values('11112','kumar','udupi');
insert into employee values('11113','manoj','manipal');
insert into employee values('11114','sheikh','udupi');
insert into employee values('11111','kain','udupi');
3. select * from employee;
select emp_name from employee;
4. select emp_name from employee where emp_address='udupi';
5. alter table employee add(emp_salary numeric(6,2));
6. update employee set emp_salary=6000.00 where emp_name='shahil';
7. desc employee;
8. delete from employee where emp_name='udupi';
9. rename employee to employee1;
10. drop table employee1;

OUTPUT of 1 2 Questions :

```
SQL Plus
SQL> create table employee(emp_no char(5),emp_name varchar(20),emp_address varchar(30));
Table created.
SQL> insert into employee values('11111','shahil','manipal');
1 row created.
SQL> insert into employee values('11112','kumar','udupi');
1 row created.
SQL> insert into employee values('11113','manoj','manipal');
1 row created.
SQL> insert into employee values('11114','sheikh','udupi');
1 row created.
SQL> insert into employee values('11111','kain','udupi');
1 row created.
```

OUTPUT of 3 4 Questions :

```
SQL Plus
SQL> select * from employee;

EMP_N EMP_NAME      EMP_ADDRESS
-----
11111 shahil        manipal
11112 kumar          udupi
11113 manoj         manipal
11114 sheikh       udupi
11111 kain          udupi

SQL> select emp_name from employee;

EMP_NAME
-----
shahil
kumar
manoj
sheikh
kain

SQL> select emp_name from employee where emp_address='udupi';

EMP_NAME
-----
kumar
sheikh
kain
```

OUTPUT of 3 4 Questions :

```
SQL Plus
11111 shahil      manipal
11112 kumar       udupi
11113 manoj       manipal
11114 sheikh      udupi
11111 kain        udupi

SQL> update employee set emp_salary=6000.00 where emp_name='shahil';

1 row updated.

SQL> select * from employee;

EMP_N EMP_NAME      EMP_ADDRESS      EMP_SALARY
-----
11111 shahil      manipal          6000
11112 kumar       udupi
11113 manoj       manipal
11114 sheikh      udupi
11111 kain        udupi

SQL> desc
Usage: DESCRIBE [schema.]object[@db_link]
SQL> select desc
  2 desc employee;
select desc
      *
ERROR at line 1:
ORA-00936: missing expression

SQL> desc employee;
Name                               Null?    Type
-----
EMP_NO                             CHAR(5)
EMP_NAME                           VARCHAR2(20)
EMP_ADDRESS                         VARCHAR2(30)
EMP_SALARY                         NUMBER(6,2)
```

OUTPUT of 8 9 10 Questions :

```
SQL Plus
SQL> delete from employee where emp_address='udupi';

3 rows deleted.

SQL> select * from employee;

EMP_N EMP_NAME          EMP_ADDRESS          EMP_SALARY
-----
11111 shahil            manipal              6000
11113 manoj             manipal

SQL> rename employee to employee1
  2  rename employee to employee1;
rename employee to employee1
*
ERROR at line 2:
ORA-00933: SQL command not properly ended

SQL> rename employee to employee1;

Table renamed.

SQL> desc employee1;
Name                                Null?    Type
-----
EMP_NO                              CHAR(5)
EMP_NAME                            VARCHAR2(20)
EMP_ADDRESS                         VARCHAR2(30)
EMP_SALARY                          NUMBER(6,2)

SQL> select emp_name from employee1
  2
SQL> select emp_name from employee1;

EMP_NAME
-----
shahil
manoj

SQL> drop table employee1
  2
SQL> drop table employee1;

Table dropped.

SQL> select * from employee1;
select * from employee1
*
ERROR at line 1:
ORA-00942: table or view does not exist
```