

## Practical 2: Study of Data Manipulation Language Statement

A) Insert the following records in above created table

### EMP TABLE

```
SQL> select * from EMP;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT		17-NOV-81	5000		10
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7566	JONES	MANAGER	7839	02-APR-81	2975		20
7788	SCOTT	ANALYST	7566	19-APR-87	3000		20
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7369	SMITH	CLERK	7902	17-DEC-80	800		20
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7876	ADAMS	CLERK	7788	23-MAY-87	1100		20
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7934	MILLER	CLERK	7782	23-JAN-82	1300		10

### DEPT TABLE

```
SQL> select * from DEPT;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEWYORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

B) Update and Delete Queries

**1) Update the salary of employees working as CLERK by 500.**

```
SQL> update EMP  
2 set SAL=SAL+500  
3 where JOB='CLERK';
```

4 rows updated.

**2) Update the manager of James as CLARK.**

```
SQL> update EMP  
2 set JOB='MANAGER'  
3 where ENAME='JAMES';
```

1 row updated.

**3) Change the role of Miller as MANAGER.**

```
SQL> update EMP  
2 set JOB='MANAGER'  
3 where ENAME='MILLER';
```

1 row updated.

**4) Delete the records of Manager**

```
SQL> delete from EMP  
2 where JOB='MANAGER';
```

5 rows deleted.

**5) Delete the records when salary is greater than 1000.**

```
SQL> delete from EMP  
2 where SAL>1000;
```

9 rows deleted.