

**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	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT	17-NOV-81	5000		10
7698	BLAKE	MANAGER	01-MAY-81	2850		30
7782	CLARK	MANAGER	09-JUN-81	2450		10
7566	JONES	MANAGER	02-APR-81	2975		20
7788	SCOTT	ANALYST	19-APR-87	3000		20
7982	FORD	ANALYST	03-DEC-81	3000		20
7369	SMITH	CLERK	17-DEC-80	800		20
7409	ALLEN	SALESPERSON	20-FEB-81	1600	300	30
7521	MARD	SALESPERSON	22-FEB-81	1250	500	30
7654	PARTIN	SALESPERSON	28-SEP-81	1250	1400	30
7844	TURNER	SALESPERSON	08-SEP-81	1500	0	30
7876	ADAMS	CLERK	23-MAY-87	1100		20
7900	JAMES	CLERK	03-DEC-81	950		30
7934	KILLER	CLERK	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.
```