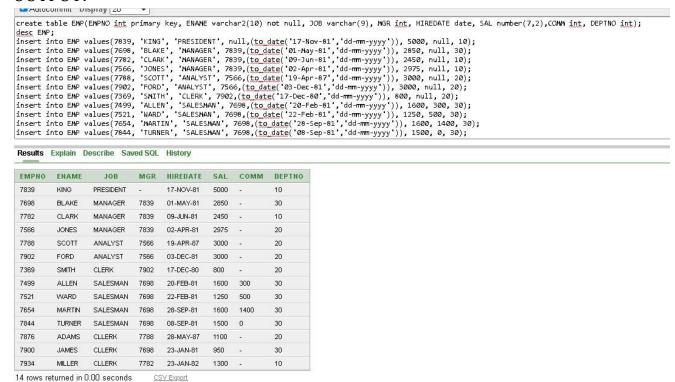
PRACTICAL 2: STUDY OF DATA MANIPULATION LANGUAGE STATEMENT

A) Insert the following records in above created table

EMP TABLE

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

OUTPUT:



DEPT TABLE

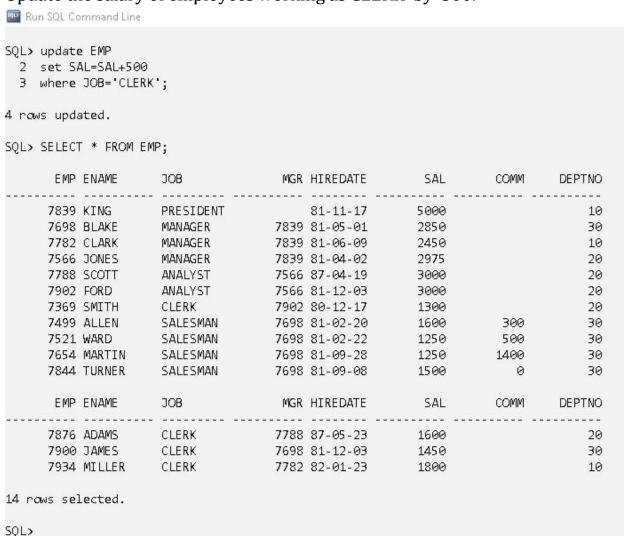
DEPTNO	DNAME	LOC	
10	ACCOUNTING	NEW YORK	
20	RESEARCH	DALLAS	
30	SALES	CHICAGO	
40	OPERATIONS	BOSTON	

OUTPUT:

```
Run SQL Command Line
SQL> desc DEPT;
Name
                                          Null? Type
DEPTNO
                                           NOT NULL NUMBER (38)
DNAME
                                           NOT NULL VARCHAR2(14)
LOC
                                                   VARCHAR2(13)
SQL> insert into DEPT values(10, 'ACCOUNTING', 'NEW YORK');
1 row created.
SQL> insert into DEPT values(20, 'RESEARCH', 'DALLAS');
1 row created.
SQL> insert into DEPT values(30, 'SALES', 'CHICAGO');
1 row created.
SQL> insert into DEPT values (40, 'OPERATIONS', 'BOSTON');
1 row created.
SQL> COMMIT;
Commit complete.
SQL> select * from DEPT;
   DEPTNO DNAME LOC
       10 ACCOUNTING NEW YORK
       20 RESEARCH DALLAS
30 SALES CHICAGO
       40 OPERATIONS BOSTON
SQL>
```

PRACTICAL 2

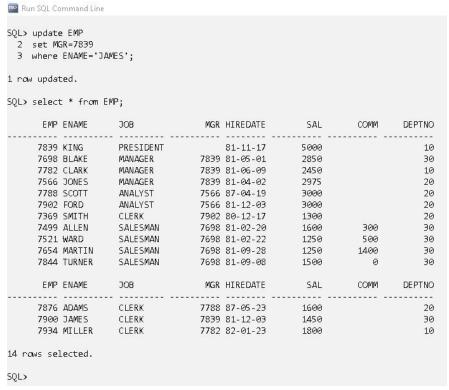
- B) Update and Delete Queries.
 - 1) Update the salary of employees working as CLERK by 500.



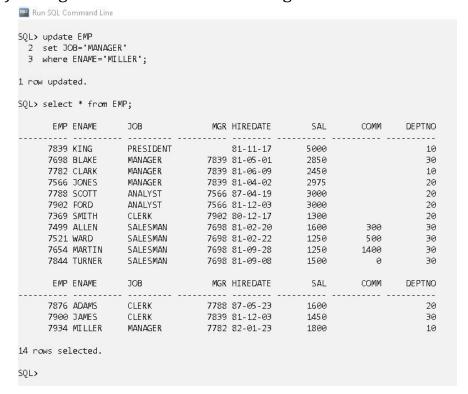
BY IMRAN RIZWAN SHAIKH

PRACTICAL 2

2) Update the manager of James as CLARK.



3) Change the role of Miller as Manager.



PRACTICAL 2

4) Delete the records of Manager.

```
Run SQL Command Line
SQL> delete from EMP
    2 where JOB='MANAGER';
4 rows deleted.
SQL> select * from EMP;
                                                             MGR HIREDATE SAL COMM DEPTNO
              EMP ENAME
           7839 KING PRESIDENT 81-11-17 5000
7788 SCOTT ANALYST 7566 87-04-19 3000
7902 FORD ANALYST 7566 81-12-03 3000
7369 SMITH CLERK 7902 80-12-17 1300
7499 ALLEN SALESMAN 7698 81-02-20 1600
7521 WARD SALESMAN 7698 81-02-22 1250
7654 MARTIN SALESMAN 7698 81-09-28 1250
7844 TURNER SALESMAN 7698 81-09-08 1500
7876 ADAMS CLERK 7788 87-05-23 1600
7900 JAMES CLERK 7839 81-12-03 1450
                                                                                                                                                                               10
           7788 SCOTT ANALYSI
7902 FORD ANALYST
7369 SMITH CLERK
7499 ALLEN SALESMAN
7521 WARD SALESMAN
7654 MARTIN SALESMAN
7844 TURNER SALESMAN
7876 ADAMS CLERK
7900 JAMES CLERK
                                                                                                                                                                               20
                                                                                                                                                                               20
                                                                                                                                                                               20
                                                                                                                        1600
                                                                                                                                                   300
                                                                                                                                                                            30
                                                                                                                        1250
                                                                                                                                                  500
                                                                                                                                                                             30
                                                                                                                        1250
                                                                                                                                                1400
                                                                                                                                                                             30
                                                                                                                                                                               30
                                                                                                                                                                               20
                                                                                                                                                                               30
10 rows selected.
SQL>
```

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

```
Run SQL Command Line

SQL> delete from EMP
2 where SAL>1000;

10 rows deleted.

SQL> select * from EMP;

no rows selected

SQL>
```