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Roll No:- 27

Class:-FYCS

Subject:- Data Base Management system

PRACTICAL 2:- Study of Data Manipulation Language Statement

A) Insert the following records in above table.

1. Table Name:- EMP

The screenshot shows the Oracle Live SQL interface. The browser address bar displays the URL: `livesql.oracle.com/apex/f?p=590:1:5643474595877::NO:RP::`. The page title is "Live SQL". The "SQL Worksheet" section contains a query: `select * from gautam_EMP`. Below the query, the results are displayed in a table with 14 rows and 8 columns: EMP_NO, ENAME, JOB, MGR, HIREDATE, SAL, COMM, and DEPT_NO. The table contains the following data:

EMP_NO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPT_NO
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10
7902	FORD	ANALYST	7756	03-DEC-81	3000	-	20
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	1500	-	30
7698	BLAKE	MANAGER	7839	01-MAY-81	5000	-	30
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7876	ADAMS	CLERK	7788	23-MAY-87	1500	-	20
7566	JONES	MANAGER	7839	10-APR-87	2975	-	20
7788	SCOTT	ANALYST	7876	19-APR-87	3000	-	20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7934	MILLER	CLERK	7782	23-JAN-82	1300	-	10

Below the table, there is a link to "Download CSV" and a message stating "14 rows selected."

2. Table Name:- DEPT

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `select * from gautam_DEPT`. The results are displayed in a table with 4 rows and 3 columns: DEPT_NO, DNAME, and LOC.

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

Download CSV
4 rows selected.

B) Update and Delete Queries:-

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

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the query: `update gautam_EMP set SAL = SAL + 500 where Job = 'CLERK'`. The results show that 4 row(s) were updated.

4 row(s) updated.

Oracle Live SQL - SQL Worksheet

livesql.oracle.com/apex/?p=590:1:5643474595877:NO:RP:

Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
1 update gautam_EMP
2 set SAL = SAL + 500
3 where Job = 'CLERK'
4 select * from gautam_EMP
```

EMP_NO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPT_NO
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10
7902	FORD	ANALYST	7756	03-DEC-81	3000	-	20
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	2000	-	30
7698	BLAKE	MANAGER	7839	01-MAY-81	5000	-	30
7369	SMITH	CLERK	7902	17-DEC-80	1300	-	20
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7876	ADAMS	CLERK	7788	23-MAY-87	2000	-	20
7566	JONES	MANAGER	7839	19-APR-87	2975	-	20
7788	SCOTT	ANALYST	7876	19-APR-87	3000	-	20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7934	MILLER	CLERK	7782	23-JAN-82	1800	-	10

Download CSV
14 rows selected.

2. Update the manager of James as CLARK.

Oracle Live SQL - SQL Worksheet

livesql.oracle.com/apex/?p=590:1:5643474595877:NO:RP:

Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
1 update gautam_EMP
2 set Job = 'CLARK'
3 where Ename = 'JAMES'
```

1 row(s) updated.

Oracle Live SQL - SQL Worksheet

livesql.oracle.com/apex/f?p=590:1:5643474595877::NO:RP::

Live SQL

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SQL Worksheet

Clear Find Actions Save Run

```
1 update gautam_EMP
2 set Job='CLARK'
3 where Ename='JAMES'
4 select * from gautam_EMP
```

EMP_NO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPT_NO
7782	CLARK	MANAGER	7839	09-JUN-81	2450	-	10
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10
7902	FORD	ANALYST	7756	03-DEC-81	3000	-	20
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLARK	7698	03-DEC-81	2000	-	30
7698	BLAKE	MANAGER	7839	01-MAY-81	5000	-	30
7369	SMITH	CLERK	7902	17-DEC-80	1300	-	20
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7876	ADAMS	CLERK	7788	23-MAY-87	2000	-	20
7566	JONES	MANAGER	7839	19-APR-87	2975	-	20
7788	SCOTT	ANALYST	78756	19-APR-87	3000	-	20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7934	MILLER	CLERK	7782	23-JAN-82	1000	-	10

Download CSV

14 rows selected.

3. Change the role of Miller as MANAGER.

Oracle Live SQL - SQL Worksheet

livesql.oracle.com/apex/f?p=590:1:5643474595877::NO:RP::

Live SQL

Feedback Help gmandaliya123@gmail.com

SQL Worksheet

Clear Find Actions Save Run

```
1 update gautam_EMP
2 set Job='MANAGER'
3 where Ename='MILLER'
```

1 row(s) updated.

4. Delete the records of Manager.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```
1 delete from gautam_EMP
2 where Job='MANAGER'
```

Below the query, the status message indicates: "4 row(s) deleted."

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following queries:

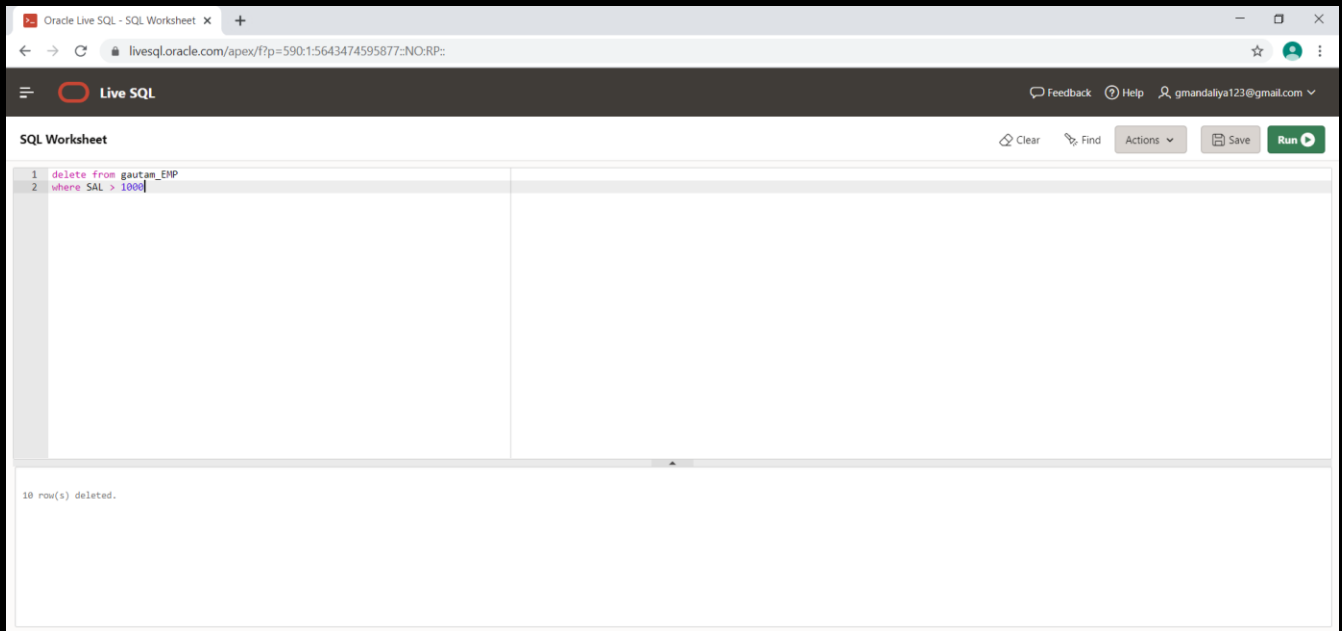
```
1 delete from gautam_EMP
2 where Job='MANAGER'
3 select * from gautam_EMP
```

Below the queries, a table of 10 rows is displayed, representing the remaining data in the gautam_EMP table:

EMP_NO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPT_NO
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10
7902	FORD	ANALYST	7756	03-DEC-81	3000	-	20
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	2000	-	30
7369	SMITH	CLERK	7902	17-DEC-80	1300	-	20
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7876	ADAMS	CLERK	7788	23-MAY-87	2000	-	20
7788	SCOTT	ANALYST	7876	19-APR-87	3000	-	20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30

Below the table, the status message indicates: "10 rows selected."

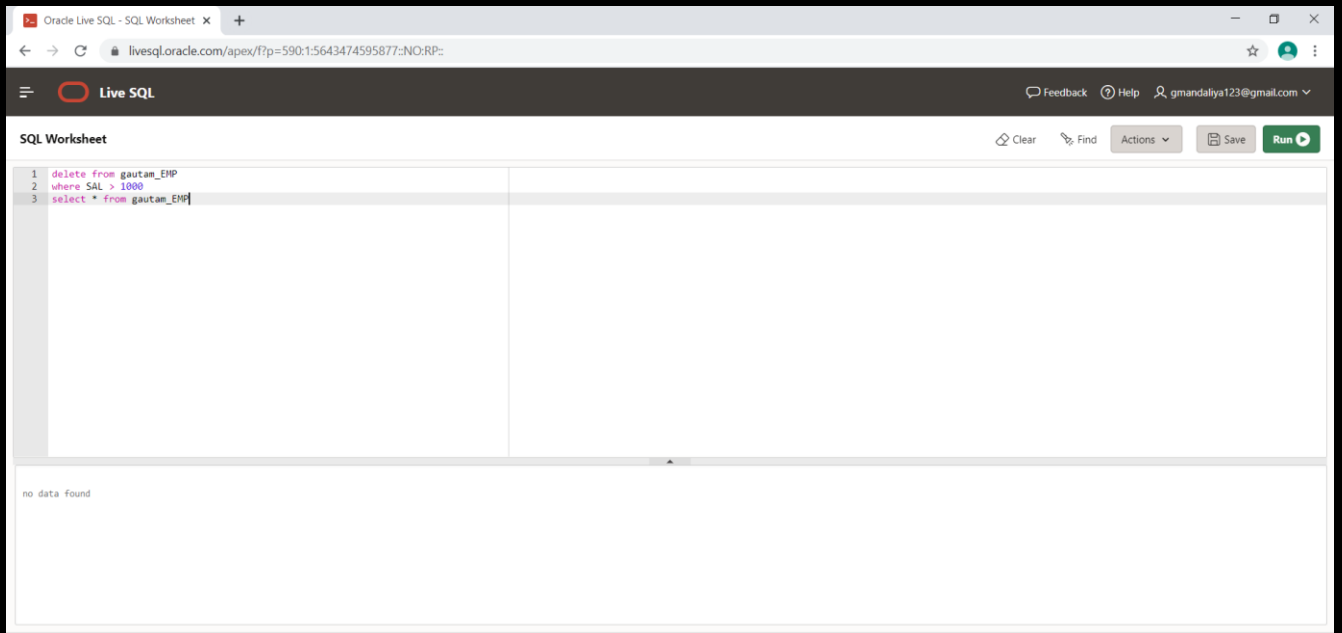
5. Delete the records when salary is greater than 1000.



The screenshot shows the Oracle Live SQL interface. The browser address bar displays the URL: `livesql.oracle.com/apex/f?p=590:1:5643474595877::NO:RP::`. The page title is "Live SQL". The "SQL Worksheet" section contains the following SQL code:

```
1 delete from gautam_EHP
2 where SAL > 1000
```

Below the code editor, the status message indicates: "10 row(s) deleted." The interface includes buttons for "Clear", "Find", "Actions", "Save", and a green "Run" button.



The screenshot shows the Oracle Live SQL interface after the execution of the DELETE query. The browser address bar displays the URL: `livesql.oracle.com/apex/f?p=590:1:5643474595877::NO:RP::`. The page title is "Live SQL". The "SQL Worksheet" section contains the following SQL code:

```
1 delete from gautam_EHP
2 where SAL > 1000
3 select * from gautam_EHP
```

Below the code editor, the status message indicates: "no data found". The interface includes buttons for "Clear", "Find", "Actions", "Save", and a green "Run" button.

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