

Name:- Gautam Chandrakant Mandaliya

Roll No:- 27

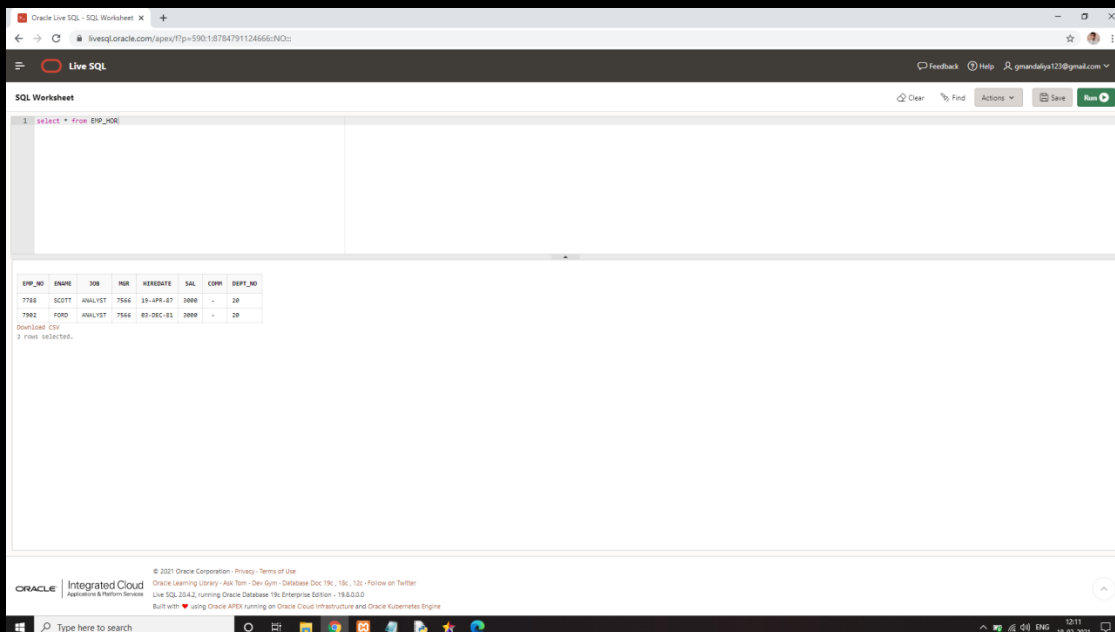
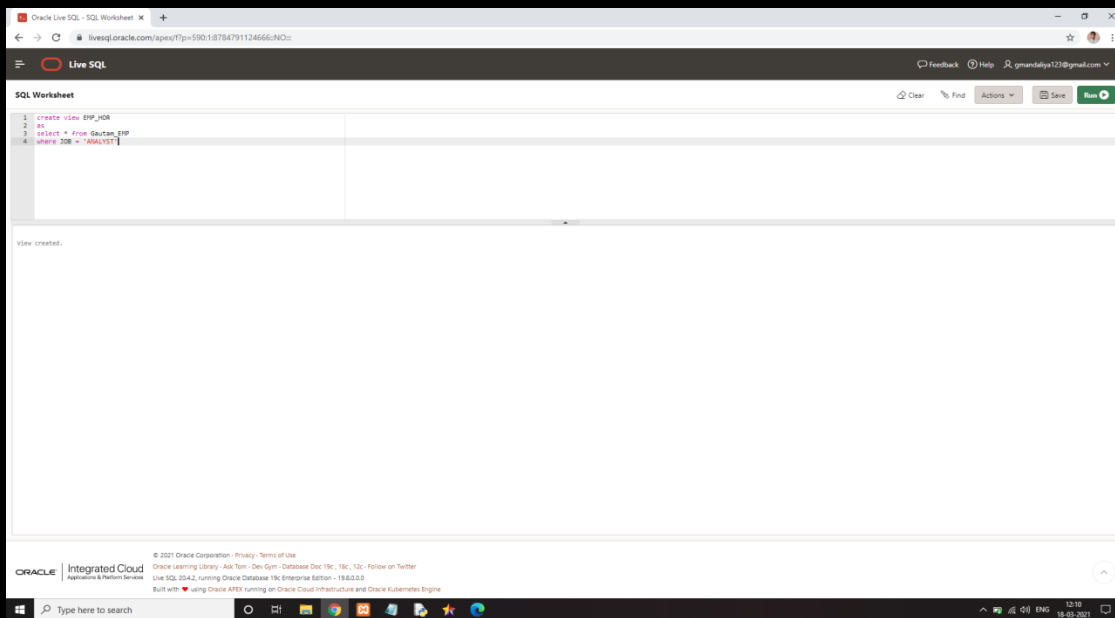
Class:-FYCS

Subject:- Data Base Management system

PRACTICAL 8:- Study of Various types of views.

Considering EMP and DEPT tables, perform the following:-

1. Create a view named emp_hor with the job titled as 'ANALYST'.



2. Create a view vwemp specifying name of employees, job and their salary.

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

```
1 create view vwemp(ENAME, JOB, SAL)
2 as
3 select ENAME, JOB, SAL from emp;
```

Below the code editor, the message "View created." is displayed. The interface includes a top navigation bar with "Live SQL" and a user profile. The bottom status bar shows the Oracle logo, "Integrated Cloud", and copyright information for 2021.

The screenshot shows the Oracle Live SQL interface after executing a query. The SQL Worksheet contains the following code:

```
1 select * from vwemp;
```

Below the code editor, the results of the query are displayed in a table:

ENAME	JOB	SAL
KING	PRESIDENT	5000
TURNER	SALESMAN	1500
ADAMS	CLERK	1100
JAMES	CLERK	950
BLAKE	MANAGER	2850
CLARK	MANAGER	2450
WARD	SALESMAN	1250
MILLER	CLERK	1300
JONES	MANAGER	2975
SCOTT	ANALYST	3000
FORD	ANALYST	3000
SMITH	CLERK	800
HARTIN	SALESMAN	1250
ALLEN	SALESMAN	1600

Below the table, the message "Download CSV" and "14 rows selected." are displayed. The interface includes a top navigation bar with "Live SQL" and a user profile. The bottom status bar shows the Oracle logo, "Integrated Cloud", and copyright information for 2021.

3. Create a view displaying total salary on the basis of the jobs.

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

```
1 create view TOTAL_SAL(TOT_SAL, JOB)
2 as
3 select sum(SAL), JOB from Gautam_EMP
4 group by JOB
```

Below the code, the message "View created." is displayed. The interface includes a top navigation bar with "Live SQL" and a user profile, and a bottom status bar with Oracle and Integrated Cloud logos.

The screenshot shows the Oracle Live SQL interface with the query results for the view. The SQL Worksheet contains the following code:

```
1 select * from TOTAL_SAL
```

Below the code, the query results are displayed in a table:

TOT_SAL	JOB
5600	SALESMAN
4150	CLERK
6000	ANALYST
8275	MANAGER
5000	PRESIDENT

Below the table, the message "Download CSV" and "5 rows selected." is displayed. The interface includes a top navigation bar with "Live SQL" and a user profile, and a bottom status bar with Oracle and Integrated Cloud logos.

4. Create a view with contains name of employee, dept and the location of the employee.

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

```
1 create view NDL
2 as
3 select ENAME, DEPT_ID, JOB from scott.emp
```

Below the code editor, the message "View created." is displayed. The interface includes a top navigation bar with "Live SQL" and a user profile, and a bottom status bar with Oracle and Integrated Cloud logos.

The screenshot shows the Oracle Live SQL interface after executing a query. The SQL Worksheet contains the following code:

```
1 select * from NDL
```

Below the code editor, the query results are displayed in a table:

ENAME	DEPT_ID	JOB
KING	10	PRESIDENT
TURNER	30	SALESMAN
ADAMS	20	CLERK
JAMES	30	CLERK
BLAKE	30	MANAGER
CLARK	10	MANAGER
WARD	30	SALESMAN
MILLER	10	CLERK
JONES	20	MANAGER
SCOTT	20	ANALYST
FORD	20	ANALYST
SMITH	20	CLERK
HAZEN	30	SALESMAN
ALLEN	30	SALESMAN

Below the table, the message "Download CSV" and "14 rows selected." are displayed. The interface includes a top navigation bar with "Live SQL" and a user profile, and a bottom status bar with Oracle and Integrated Cloud logos.

5. Create a view to display the name of the employees with their salary and job who belong to department 20.

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

```
1 create view NS2
2 as
3 select ENAME, SAL, JOB from Gautam_EMP
4 where DEPT_NO = 20;
```

Below the code editor, a message states "View created." The interface includes a top navigation bar with "Live SQL" and a user profile, and a bottom status bar with Oracle and Integrated Cloud logos.

The screenshot shows the Oracle Live SQL interface after executing a query. The SQL Worksheet contains the following code:

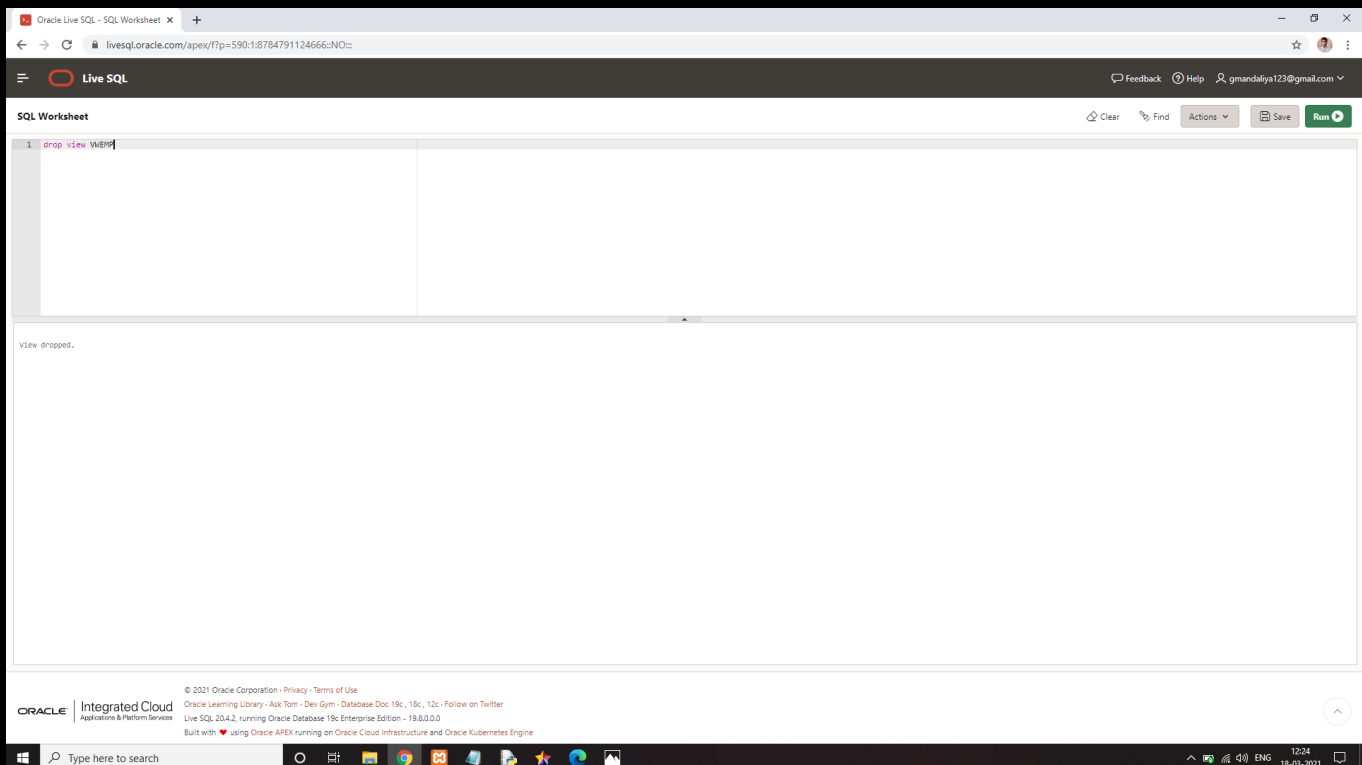
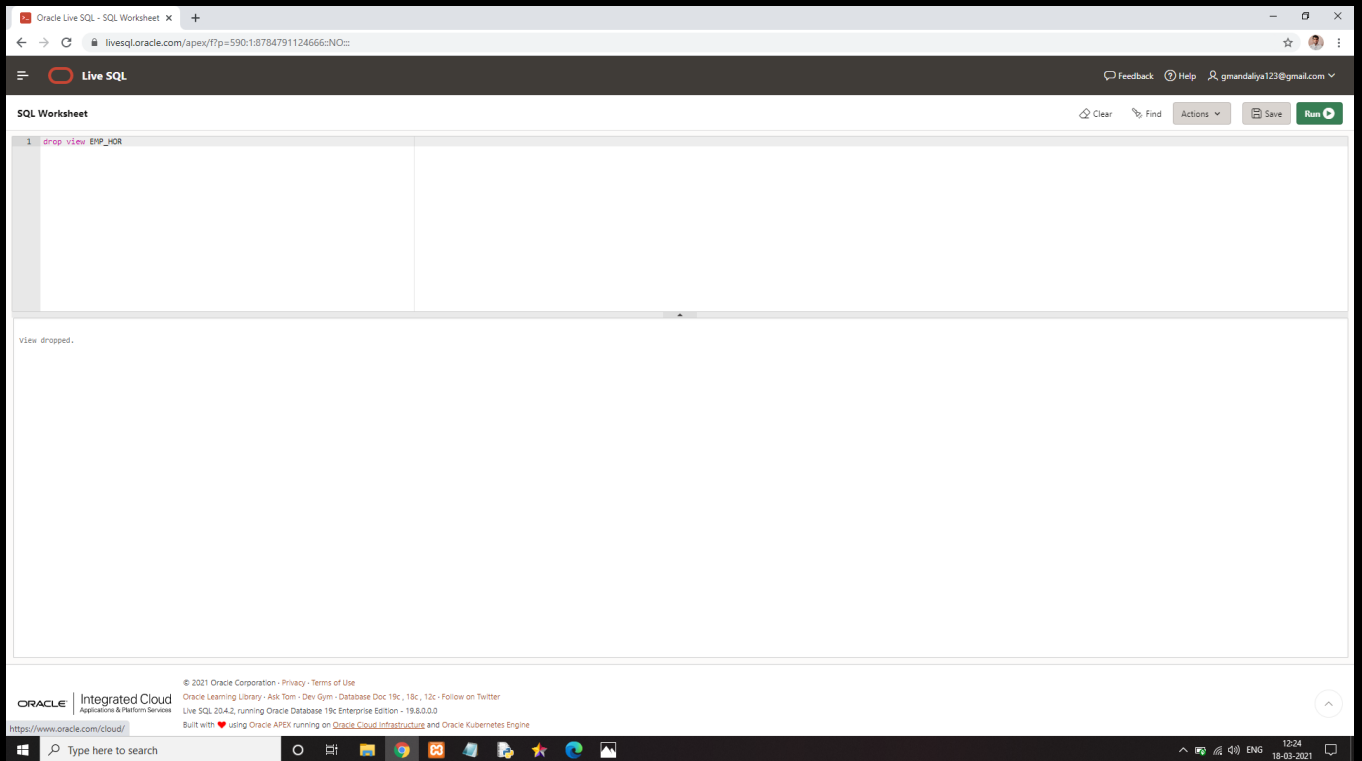
```
1 select * from NS2;
```

Below the code editor, the results of the query are displayed in a table:

ENAME	SAL	JOB
ADAMS	1100	CLERK
JONES	2975	MANAGER
SCOTT	3000	ANALYST
FORD	3000	ANALYST
SMITH	800	CLERK

Below the table, a message states "Download CSV" and "5 rows selected." The interface includes a top navigation bar with "Live SQL" and a user profile, and a bottom status bar with Oracle and Integrated Cloud logos.

6. Delete all the views created above.



Oracle Live SQL - SQL Worksheet x

livesql.oracle.com/apex/f?p=590:1:8784791124666:NO::

Live SQL

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SQL Worksheet

Clear Find Actions Save Run

1 drop view TOTAL_SAL

View dropped.

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Oracle Live SQL - SQL Worksheet x

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Live SQL

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SQL Worksheet

Clear Find Actions Save Run

1 drop view NDQ

View dropped.

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