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Class:-FYCS

Subject:- Data Base Management system

## PRACTICAL 9:- Study of Subqueries with all its clauses.

1. Display the employee name whose salary is greater than the salary of employee 7566.

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

```
1 select ENAME from GOUTAM_EMP
2 where SAL > (select SAL from GOUTAM_EMP where EMP_ID = 7566)
```

The query has been executed, and the results are displayed in a table with the following data:

ENAME
KING
SCOTT
FORD

Below the table, it says "Download CSV" and "3 rows selected". The footer of the interface includes the Oracle logo, "Integrated Cloud", and various copyright and version information.

2. Display the employee name, sal, job of the employee whose job is similar to the employee 7369.

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

```
1 select EMPID, SAL, JOB from Gautam_EMP
2 where JOB = (select JOB from Gautam_EMP where EMPID = 7369)
```

The results table displays the following data:

EMPID	SAL	JOB
SHITH	800	CLERK
ADAMS	1200	CLERK
JAMES	950	CLERK
HILLER	1300	CLERK

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3. Display the employee name with the salary less than any salary of job type CLERK.

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

```
1 select EMPID, SAL, JOB from Gautam_EMP
2 where SAL < any (select SAL from Gautam_EMP where JOB = 'CLERK')
```

The results table displays the following data:

EMPID	SAL	JOB
SHITH	800	CLERK
JAMES	950	CLERK
ADAMS	1200	CLERK
WARD	1250	SALESMAN
MARTIN	1250	SALESMAN

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- Display the employee name, salary, department id, job id for those employees who works in the same designation as the employee works whose id is 7900.

The screenshot shows the Oracle Live SQL interface. The query entered is:

```
1 select ENAME, SAL, DEPT_NO, JOB from Gautam_EMP
2 where JOB = (select JOB from Gautam_EMP where EMP_NO = 7900);
```

The results table shows 4 rows selected:

ENAME	SAL	DEPT_NO	JOB
SMITH	800	20	CLERK
ADAMS	1100	20	CLERK
JAMES	950	30	CLERK
MILLER	1300	10	CLERK

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- Display the detail of department whose manager Ecode='7698'.

The screenshot shows the Oracle Live SQL interface. The query entered is:

```
1 select * from Gautam_EMP
2 where JOB = (select JOB from Gautam_EMP where EMP_NO = 7698);
```

The results table shows 3 rows selected:

EMP_NO	ENAME	JOB	MANAGER	HIREDATE	SAL	COMM	DEPT_NO
7698	BLAKE	MANAGER	7698	01-MAY-81	2850	-	30
7782	CLARK	MANAGER	7698	09-JUN-81	2450	-	10
7566	JONES	MANAGER	7698	02-APR-81	2975	-	20

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6. Display the employees whose salary is greater than any MANAGER.

The screenshot shows the Oracle Live SQL Worksheet interface. The query entered is:

```
1 select ENAME, SAL from Gautam_EMP
2 where SAL > any(select SAL from Gautam_EMP where JOB = 'MANAGER');
```

The results are displayed in a table with two columns: ENAME and SAL. The data is as follows:

ENAME	SAL
KING	5000
SCOTT	3000
FORD	3000
JONES	2975
BLAKE	2850

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