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Roll No:13

FYCS

Practical No: 9

Study of subqueries with all its clauses

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

```
SQL> select Ename from akshat_EMP
  2  where SAL > (select SAL from akshat_EMP where Emp_no=7566);

ENAME
-----
KING
SCOTT
FORD
```

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

```
SQL> select Ename,SAL,JOB
  2  from akshat_EMP
  3  where JOB=(select JOB from akshat_EMP where Emp_no=7369);

ENAME          SAL  JOB
-----
SMITH           800  CLERK
ADAMS           1100 CLERK
JAMES            950  CLERK
MILLER          1300 CLERK
```

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

```
SQL> select Ename,SAL,JOB
  2  from akshat_EMP
  3  where SAL < any(select SAL from akshat_EMP where JOB='CLERK');

ENAME          SAL  JOB
-----
SMITH           800  CLERK
WARD            1250 SALESMAN
MARTIN           1250 SALESMAN
ADAMS           1100 CLERK
JAMES            950  CLERK
```

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

```
SQL> select Ename,SAL,Dept_no,JOB from akshat_EMP
2  where JOB=(select JOB from akshat_EMP where Emp_no=7900);
```

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

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

```
SQL> select Ename,SAL,Dept_no,JOB from akshat_EMP
2  where JOB=(select JOB from akshat_EMP where Emp_no=7698);
```

| ENAME | SAL | DEPT_NO | JOB |
|-------|------|---------|---------|
| BLAKE | 2850 | 30 | MANAGER |
| CLARK | 2450 | 10 | MANAGER |
| JONES | 2975 | 20 | MANAGER |

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

```
SQL> select Ename,SAL
2  from akshat_EMP
3  where SAL>any(select SAL from akshat_EMP where JOB='MANAGER');
```

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