

Project#3

| | |
|-------------|--|
| Script Name | Project#3 |
| Visibility | Unlisted - anyone with the share link can access |
| Description | SQL Query Request on SCOTT Schema (EMP and DEPT) - YODIT MEGERSA |
| Area | SQL General / SQL Query |
| Contributor | |
| Created | Thursday March 05, 2020 |

Statement
1

```
SELECT e.ename, e.sal, d.deptno, d.dname, d.loc
FROM scott.emp e INNER JOIN scott.dept d
ON e.deptno = d.deptno
where e.sal between 3000 and 5000
```

| ENAME | SAL | DEPTNO | DNAME | LOC |
|-------|------|--------|------------|----------|
| KING | 5000 | 10 | ACCOUNTING | NEW YORK |
| FORD | 3000 | 20 | RESEARCH | DALLAS |
| SCOTT | 3000 | 20 | RESEARCH | DALLAS |

3 rows selected.

Statement
2

```
select d.dname, count(e.empno) as TotalEmpNO
from scott.dept d left outer join scott.emp e
on e.deptno = d.deptno
where e.hiredate between '17-dec-80' and '03-dec-81'
group by d.dname
```

| DNAME | TOTALEMPNO |
|------------|------------|
| RESEARCH | 3 |
| SALES | 6 |
| ACCOUNTING | 2 |

3 rows selected.

Statement
3

```
SELECT deptno, MAX(sal)
FROM scott.emp
GROUP BY deptno
HAVING MAX(sal) > 2000
```

| DEPTNO | MAX(SAL) |
|--------|----------|
| 30 | 2850 |
| 10 | 5000 |
| 20 | 3000 |

3 rows selected.

Statement
4

```
select * from scott.emp
where hiredate = (select min(hiredate)
from scott.emp where hiredate like '%81')
```

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |
|-------|-------|----------|------|-----------|------|------|--------|
| 7499 | ALLEN | SALESMAN | 7698 | 20-FEB-81 | 1600 | 300 | 30 |

Statement
5

```
select deptno, dname from scott.dept where deptno not in
(select deptno from scott.emp)
```

| DEPTNO | DNAME |
|--------|------------|
| 40 | OPERATIONS |

Statement
6

```
select ename, job, sal, comm
from scott.emp
where sal=(select max(sal) from scott.emp)
```

| ENAME | JOB | SAL | COMM |
|-------|-----------|------|------|
| KING | PRESIDENT | 5000 | - |

Statement
7

```
select * from scott.emp where length(sal) = 3
```

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |
|-------|-------|-------|------|-----------|-----|------|--------|
| 7369 | SMITH | CLERK | 7902 | 17-DEC-80 | 800 | - | 20 |
| 7900 | JAMES | CLERK | 7698 | 03-DEC-81 | 950 | - | 30 |

2 rows selected.

Statement
8

```
select 'EmployeeFirstName: ' || ename ||'-----' || 'Position: ' || job
from scott.emp
```

| 'EMPLOYEEFIRSTNAME:' ENAME '-----' 'POSITION:' JOB |
|--|
| EmployeeFirstName: KING-----Position: PRESIDENT |
| EmployeeFirstName: BLAKE-----Position: MANAGER |
| EmployeeFirstName: CLARK-----Position: MANAGER |
| EmployeeFirstName: JONES-----Position: MANAGER |
| EmployeeFirstName: SCOTT-----Position: ANALYST |
| EmployeeFirstName: FORD-----Position: ANALYST |
| EmployeeFirstName: SMITH-----Position: CLERK |
| EmployeeFirstName: ALLEN-----Position: SALESMAN |
| EmployeeFirstName: WARD-----Position: SALESMAN |
| EmployeeFirstName: MARTIN-----Position: SALESMAN |
| EmployeeFirstName: TURNER-----Position: SALESMAN |
| EmployeeFirstName: ADAMS-----Position: CLERK |
| EmployeeFirstName: JAMES-----Position: CLERK |
| EmployeeFirstName: MILLER-----Position: CLERK |

14 rows selected.

Statement
9

```
select ename, to_char(hiredate, 'Month DD,YYYY.')
from scott.emp
```

| ENAME | TO_CHAR(HIREDATE, 'MONTHDD,YYYY.') |
|--------|------------------------------------|
| KING | November 17,1981. |
| BLAKE | May 01,1981. |
| CLARK | June 09,1981. |
| JONES | April 02,1981. |
| SCOTT | April 19,1987. |
| FORD | December 03,1981. |
| SMITH | December 17,1980. |
| ALLEN | February 20,1981. |
| WARD | February 22,1981. |
| MARTIN | September 28,1981. |
| TURNER | September 08,1981. |
| ADAMS | May 23,1987. |
| JAMES | December 03,1981. |
| MILLER | January 23,1982. |

14 rows selected.

Statement
10

```
Select e.deptno
from scott.emp e
WHERE NOT EXISTS ( select *
from scott.dept d
where e.deptno = d.deptno )
```

no data found

Statement
11

```
select ename, job, comm
from scott.emp
where comm is null
```

| ENAME | JOB | COMM |
|--------|-----------|------|
| KING | PRESIDENT | - |
| BLAKE | MANAGER | - |
| CLARK | MANAGER | - |
| JONES | MANAGER | - |
| SCOTT | ANALYST | - |
| FORD | ANALYST | - |
| SMITH | CLERK | - |
| ADAMS | CLERK | - |
| JAMES | CLERK | - |
| MILLER | CLERK | - |

10 rows selected.

Statement
12

```
SELECT ename,
COUNT(ename) AS NumOccurrences
FROM scott.emp
GROUP BY ename
HAVING ( COUNT(ename) > 1 )
```

no data found

Additional Information

| | |
|-----------------|--|
| Database on OTN | SQL and PL/SQL Discussion forums Oracle Database Download Oracle Database Latest Database Tutorials |
|-----------------|--|