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ID: 20-42909-1

1. Display all the employees who are earning more than all the managers.

ANS:

SELECT ENAME, JOB, SAL FROM EMP WHERE SAL >ALL (SELECT SAL FROM EMP WHERE JOB='MANAGER');

ENAME	JOB	SAL
KING	PRESIDENT	5000
SCOTT	ANALYST	3000
FORD	ANALYST	3000

3 rows returned in 0.02 seconds

2. Display all the employees who are earning more than any of the managers.

ANS:

SELECT *FROM EMP WHERE SAL>ANY (SELECT SAL FROM EMP WHERE JOB='MANAGER');

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT	-	17-NOV-81	5000	-	10
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	-	30

5 rows returned in 0.06 seconds   CSV Export

3. Select employee number, job & salaries of all the Analysts who are earning more than any of the managers.

ANS:

SELECT EMPNO,JOB, SAL FROM EMP WHERE SAL>ALL (SELECT SAL FROM EMP WHERE JOB='MANAGER');

EMPNO	JOB	SAL
7839	PRESIDENT	5000
7788	ANALYST	3000
7902	ANALYST	3000

3 rows returned in 0.00 seconds

4. Select all the employees who work in DALLAS.

ANS:

SELECT ENAME, DEPTNO, JOB, SAL FROM EMP WHERE DEPTNO IN (SELECT DEPTNO FROM DEPT WHERE LOC='DALLAS');

ENAME	DEPTNO	JOB	SAL
JONES	20	MANAGER	2975
SCOTT	20	ANALYST	3000
FORD	20	ANALYST	3000
SMITH	20	CLERK	800
ADAMS	20	CLERK	1100

5 rows returned in 0.00 seconds   CSV Exp

5. Select department name & location of all the employees working for CLARK.

ANS:

SELECT DNAME, LOC FROM DEPT WHERE DEPTNO IN (SELECT DEPTNO FROM EMP WHERE MGR IN (SELECT EMPNO FROM EMP WHERE ENAME='CLARK'));

DNAME	LOC
ACCOUNTING	NEW YORK

1 rows returned in 0.00 seconds

6. Select all the departmental information for all the managers

ANS:

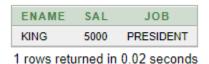SELECT *FROM DEPT WHERE DEPTNO IN (SELECT DEPTNO FROM EMP WHERE JOB='MANAGER')

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO

3 rows returned in 0.02 seconds   CSV Ex

7. Display the first maximum salary.

ANS:

SELECT ENAME,SAL, JOB FROM EMP WHERE SAL = (SELECT MAX(SAL) FROM EMP)

ENAME	SAL	JOB
KING	5000	PRESIDENT

1 rows returned in 0.02 seconds

8. Display the second maximum salary.

ANS:

SELECT MAX(SAL) FROM EMP WHERE SAL < (SELECT MAX(SAL) FROM EMP);

MAX(SAL)
3000

1 rows returned in 0

9. Display the third maximum salary.

ANS:

SELECT MAX(SAL) FROM EMP WHERE SAL< (SELECT MAX(SAL)FROM EMP WHERE SAL < (SELECT MAX(SAL)FROM EMP));

MAX(SAL)
2975

1 rows returned