

Final Lab Task 2

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1. Display all the managers & clerks who work in Accounts and Marketing departments.

Ans: `SELECT ENAME,DNAME FROM EMP,DEPT WHERE EMP.DEPTNO=DEPT.DEPTNO AND JOB IN('MANAGER','CLERK') AND DNAME IN('MARKETING','ACCOUNTING')`

ENAME	DNAME
CLARK	ACCOUNTING
MILLER	ACCOUNTING

2. Display all the salesmen who are not located at DALLAS.

Ans:

`SELECT ENAME,JOB,DEPT.DEPTNO, DEPT.LOC FROM EMP,DEPT WHERE EMP.DEPTNO=DEPT.DEPTNO AND JOB='SALESMAN' AND DNAME !='DALLAS'`

ENAME	JOB	DEPTNO	LOC
ALLEN	SALESMAN	30	CHICAGO
WARD	SALESMAN	30	CHICAGO
MARTIN	SALESMAN	30	CHICAGO
TURNER	SALESMAN	30	CHICAGO

4 rows returned in 0.00 seconds

[CSV Export](#)

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

Ans:

`SELECT ENAME, DNAME,LOC FROM EMP,DEPT WHERE EMP.DEPTNO=DEPT.DEPTNO AND MGR='7782'`

ENAME	DNAME	LOC
MILLER	ACCOUNTING	NEW YORK

1 rows returned in 0.00 seconds [CSV Export](#)

4. Select all the departmental information for all the managers

Ans:

```
SELECT DNAME, LOC, ENAME, JOB, DEPT.DEPTNO FROM EMP, DEPT
WHERE EMP.DEPTNO=DEPT.DEPTNO AND EMP.JOB='MANAGER'
```

DNAME	LOC	ENAME	JOB	DEPTNO
SALES	CHICAGO	BLAKE	MANAGER	30
ACCOUNTING	NEW YORK	CLARK	MANAGER	10
RESEARCH	DALLAS	JONES	MANAGER	20

3 rows returned in 0.00 seconds [CSV Export](#)

5. Select all the employees who work in DALLAS.

Ans:

```
SELECT EMP.*, LOC FROM EMP, DEPT WHERE
EMP.DEPTNO=DEPT.DEPTNO AND LOC='DALLAS'
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	LOC
7566	JONES	MANAGER	7839	02-APR-81	2975	-	20	DALLAS
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20	DALLAS
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20	DALLAS
7369	SMITH	CLERK	7902	17-DEC-80	800	-	20	DALLAS
7876	ADAMS	CLERK	7788	23-MAY-87	1100	-	20	DALLAS

5 rows returned in 0.00 seconds [CSV Export](#)

6. Display all the departmental information for all the existing employees and if a department has no employees display it as "No employees".

Ans:

```
SELECT DNAME, DEPT.DEPTNO, NVL(ENAME,'NO EMPLOYEE') AS  
ENAME FROM DEPT FULL OUTER JOIN EMP ON  
(EMP.DEPTNO=DEPT.DEPTNO)
```

DNAME	DEPTNO	ENAME
ACCOUNTING	10	KING
SALES	30	BLAKE
ACCOUNTING	10	CLARK
RESEARCH	20	JONES
RESEARCH	20	SCOTT
RESEARCH	20	FORD
RESEARCH	20	SMITH
SALES	30	ALLEN
SALES	30	WARD
SALES	30	MARTIN
SALES	30	TURNER
RESEARCH	20	ADAMS
SALES	30	JAMES
ACCOUNTING	10	MILLER
OPERATIONS	40	NO EMPLOYEE

7. Get all the employees who work in the same departments as of SCOTT

Ans:

```
SELECT DISTINCT A.ENAME FROM EMP A, EMP B WHERE  
A.DEPTNO=(SELECT DEPTNO FROM EMP WHERE ENAME='SCOTT')  
AND A.ENAME!='SCOTT'
```

ENAME
JONES
FORD
SMITH
ADAMS

4 rows returned in

8. Display all the employees who have joined before their managers.

Ans:

```
SELECT E.ENAME EMP ,E.HIREDATE EMP_HIREDATE,M.HIREDATE  
MGR_HIREDATE FROM EMP E,EMP M WHERE E.MGR=M.EMPNO AND  
E.HIREDATE<M.HIREDATE;
```

EMP	EMP_HIREDATE	MGR_HIREDATE
BLAKE	01-MAY-81	17-NOV-81
CLARK	09-JUN-81	17-NOV-81
JONES	02-APR-81	17-NOV-81
SMITH	17-DEC-80	03-DEC-81
ALLEN	20-FEB-81	01-MAY-81
WARD	22-FEB-81	01-MAY-81

6 rows returned in 0.02 seconds CSV Export

9. List all the employees who are earning more than their managers.

Ans:

```
SELECT E.ENAME EMPLOYEE, E.SAL EMP_SAL, M.ENAME  
MANAGER, M.SAL MGR_SAL FROM EMP E, EMP M WHERE  
E.MGR=M.EMPNO AND E.SAL>M.SAL
```

EMPLOYEE	EMP_SAL	MANAGER	MGR_SAL
SCOTT	3000	JONES	2975
FORD	3000	JONES	2975

2 rows returned in 0.00 seconds

[CSV Export](#)

10. Fetch all the employees who are earning same salaries.

Ans:

```
SELECT A.ENAME,A.SAL FROM EMP A,EMP B WHERE A.SAL=B.SAL
AND A.EMPNO!=B.EMPNO
```

ENAME	SAL
FORD	3000
SCOTT	3000
MARTIN	1250
WARD	1250

4 rows returned in 0.00 s