

RIMS LAB [CAS] Program Query

Q1) WAQT Display ename, deptno, job and location where they are working for RESEARCH or SALES department and salary between 1000\$ to 2000\$.

Q2) SQL) Select ename, job, lname, loc from emp e, dept d where e.deptno = d.deptno and lname in ('RESEARCH', 'SALES') and sal between 1000 and 2000;

ENAME	JOB	DNAME	LOC
ALLEN	SALESMAN	SALES	CHICAGO
WARD	SALESMAN	SALES	CHICAGO
MARTIN	SALESMAN	SALES	CHICAGO
TURNER	SALESMAN	SALES	CHICAGO
ADAMS	CLERK	RESEARCH	DALLAS

Q2)

WAQ to find average salary for each job, department name and location and display only details if average salary greater than 5000\$. (Use natural join)

(A)

SQL) ~~jobs~~ select job, loc, lname, avg(sal)
from emp e, dept d
where e.deptno = d.deptno
group by job, lname, loc
having avg(sal) > 5000;

no rows selected

Q2) Write a query to display all matching and non-matching details from emp.

(A) SQL) select ename, from emp
left join dept on emp.deptno = dept.deptno
where emp.deptno is null;

no rows selected

Q4). Write a query to display number of employees working in each Department name and respective location.
(use Join using clause)

(A) SQL

```
select dname, count(*)  
from dept d  
inner join emp e  
on d.deptno = e.deptno  
group by dname, loc;
```

DNAME

COUNT(*)

RESEARCH

5

SALES

6

ACCOUNTING

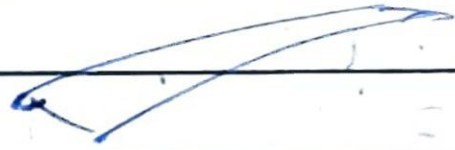
3

Q5) Write a query to display ename, job, salary, grade department name and location who is working as ANALYST working department name is RESEARCH.

(A) SQL) select ename, job, sal, dname, loc
from emp e, dept d
where e.deptno = d.deptno
and job = 'ANALYST'
and dname = 'RESEARCH';

ENAME	JOB	SAL	DNAME	LOC
SCOTT	ANALYST	3000	RESEARCH	DALLAS
FORD	ANALYST	3000	RESEARCH	DALLAS

RDBMS LAB [CAG] Program & Query



Q6) WAQ to display ename, hiredate, sal and job where salary should be similar to CLARK's salary.

① SQL) select ename, hiredate, sal, job
from emp
where sal = (select sal from emp
where ename = 'CLARK')

Q6

ENAME

HIREDATE

SAL JOB

CLARK

09-JUN-81

2450 MANAGER

Q7) WAP to display which employee is getting minimum salary from the deptno 30.

A) SQL Select ename, sal, deptno from emp where sal = (Select min(sal) from emp where deptno = 30);

ENAME

SAL

DEPTNO

JAMES

950

30

Q8) WAQT to display employee name, job and there department name whose job should be similar to JONES job and deptno similar to empno 7934.

A) SQL) select ename, job, deptno from emp where job = (select job from emp where ename = 'JONES') and deptno = (select deptno from emp where empno = 7934);

ENAME

JOB

DEPTNO

CLARK

MANAGER

10

Q9) WAQ to display empno, ename, job and salary where the salary should be less than CLERK's salary and job should not be equal to SALESMAN.

(A) SQL) Select empno, ename, job and salary from emp where sal < any (select sal from emp where job = 'CLERK') and job != 'SALESMAN';

EMPNO	ENAME	JOB	SAL
7369	SMITH	CLERK	800
7900	JAMES	CLERK	950
7876	ADAMS	CLERK	1100

Q10) Q10) empno, ename, sal, and job where salary should be ~~clear~~ lesser than ANALYST's salary.

Q1) SQL) Select empno, ename, sal, job from emp where sal < all (select from emp where job = 'ANALYST');

EMPNO ENAME

SAL JOB

7566 JONES

2975 MANAGER

7698 BLAKE

2850 MANAGER

7782 CLARK

2450 MANAGER

7499 ALLEN

1600 SALESMAN

7844 TURNER

1500 SALESMAN

7934 MILLER

1300 CLERK

7521 WARD

1250 SALESMAN

7654 MARTIN

1250 SALESMAN

7876 ADAMS

1100 CLERK

7900 JAMES

950 CLERK

7369 SMITH

800 CLERK

11 rows selected.