

ROBINS LAB [CA 1] program & Output.

(A01)

SQL) Select ~~ename~~ empno as "UID", ename as "NAME",
job as "WORK", hire date as "DATE START"
from emp
where job in ('PRESIDENT', 'ANALYST')
and deptno in (10, 20)
and ename not like 'S%';

UID NAME

WORK

DATE STAR

7839 KING

PRESIDENT

17-NOV-81

7902 FORD

ANALYST

03-DEC-81

Q2

SQL) select ename, sal, comm, (sal+nvl(comm,0)) as
"TOTAL SAL", sal*12 as "ANNUAL SAL"
from emp
where sal between 1000 and 2500
and deptno = 10 or deptno = 30
and job = 'SALESMAN';

ENAME	SAL	COMM	TOTAL SAL	ANNUAL SAL
ALLEN	1600	300	1900	19200
WARD	1250	500	1750	15000
MARTIN	1250	1400	2650	15000
CLARK	2450		2450	29400
TURNER	1500	0	1500	18000
MILLER	1300		1300	15600

6 rows selected.

Q3

SQL) select ename, sal, deptno
from emp
where mgr is null;

ENAME	SAL	DEPTNO
KING	5000	10

406

SQL) select ename, sal, hiredate
from emp
where months_between(sysdate, hiredate) /
12 > 30
and sal not between 1500 and 2000;

ENAME	SAL	HIREDATE
SMITH	800	17-DEC-80
WARD	1250	22-FEB-81
MARTIN	1250	28-SEP-81
KING	5000	17-NOV-81
ADAMS	1100	23-MAY-87
JAMES	950	03-DEC-81
MILLER	1300	23-JAN-82

7 rows selected.

105

SQL) select ename, deptno, sal, comm, sal*10/100
as "INCREMENT", comm*5/100
from emp
order by sal, deptno;

ENAME	DEPTNO	SAL	COMM	INCREMENT	COMM*5/100
SMITH	20	800		80	
JAMES	30	950		95	
ADAMS	20	1100		110	
WARD	30	1250	500	125	25
MARTIN	30	1250	1400	125	70
MILLER	10	1300		130	
TURNER	30	1500	0	150	0
ALLEN	30	1600	300	160	15
CLARK	10	2450		245	
BLAKE	30	2850		285	
JONES	20	2975		297.5	

ENAME	DEPTNO	SAL	COMM	INCREMENT	COMM*5/100
SCOTT	20	3000		300	
FORD	20	3000		300	
KING	10	5000		500	

14 rows selected.