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P13-6042

Assignment :3

QUESTION: 1

```
SQL> select * from emp where job='CLARK' or job='MANAGER';
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
7698	BLAKE	MANAGER	7839	01-MAY-81	2850	
7782	CLARK	MANAGER	7839	09-JUN-81	2450	
7566	JONES	MANAGER	7839	02-APR-81	2975	

QUESTION: 2

```
SQL> select ename,sal from emp where sal<(select min(sal) from emp) and job like'%M';
```

no rows selected

```
SQL>
```

QUESTION: 3

```
SQL> select ENAME from emp where job =(select job from emp where ENAME='SMITH');

ENAME
-----
SMITH
ADAMS
JAMES
MILLER

SQL>
```

Question: 4

```
SQL> select * from emp where sal>(select max(sal)from emp where deptno=30);

  EMPNO ENAME      JOB              MGR HIREDATE          SAL         COMM
-----
DEPTNO
-----
  7839 KING        PRESIDENT              17-NOV-81      5000
    10

  7566 JONES        MANAGER               7839 02-APR-81      2975
    20

  7788 SCOTT        ANALYST               7566 19-APR-87      3000
    20

  EMPNO ENAME      JOB              MGR HIREDATE          SAL         COMM
-----
DEPTNO
-----
  7902 FORD        ANALYST               7566 03-DEC-81      3000
    20

SQL>
```

QUESTION: 5

```
SQL> select * from emp where job=(select job from emp where ename='KING') and sal>(select sal from emp where ename='FORD'
);
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM
7839	KING	PRESIDENT		17-NOV-81	5000	

```
SQL>
```

QUESTION: 6

```
SQL> select job from emp where deptno=20 intersect select job from emp where deptno=20 and job='MANAGER';
```

JOB
MANAGER

```
SQL>
```

Question: 7

```
SQL> select ename from emp where sal>(select avg(sal)from emp);
```

ENAME
KING
BLAKE
CLARK
JONES
SCOTT
FORD

```
6 rows selected.
SQL>
```

Question: 8

```
SQL> select ename, job , deptno from emp;
```

ENAME	JOB	DEPTNO
-----	-----	-----
KING	PRESIDENT	10
BLAKE	MANAGER	30
CLARK	MANAGER	10
JONES	MANAGER	20
SCOTT	ANALYST	20
FORD	ANALYST	20
SMITH	CLERK	20
ALLEN	SALESMAN	30
WARD	SALESMAN	30
MARTIN	SALESMAN	30
TURNER	SALESMAN	30

ENAME	JOB	DEPTNO
-----	-----	-----
ADAMS	CLERK	20
JAMES	CLERK	30
MILLER	CLERK	10

14 rows selected.

```
SQL>
```

QUESTION: 9

```
SQL> select ename from emp where job like (select job from dept where LOC='NEWYORK');
```

no rows selected

```
SQL>
```

QUESTION: 10

```
SQL> select ename from emp where deptno=10 and job like(select job from dept where dname='RESEARCH');

ENAME
-----
KING
CLARK
MILLER

SQL>
```

QUESTION: 11

```
SQL> select ename from emp where job=(select job from emp where ename='FORD') and sal=(select sal from emp where ename='FORD');

ENAME
-----
SCOTT
FORD

SQL>
```

Question: 12

```
SQL> select ename from emp where job in (select job from emp where deptno=20 or deptno=30);

ENAME
-----
JONES
CLARK
BLAKE
FORD
SCOTT
MILLER
JAMES
ADAMS
SMITH
TURNER
MARTIN

ENAME
-----
WARD
ALLEN

13 rows selected.

SQL>
```

Question: 13

```

SQL> select  ename from emp  where sal>(select max(sal)  from emp where deptno=20 or deptno=30);

ENAME
-----
KING

SQL>

```

Question: 14

```

SQL> select max(sal) from emp group by deptno having max(sal)>9000;

no rows selected

SQL> select max(sal) from emp group by deptno having max(sal)>90;

  MAX(SAL)
-----
      2850
      3000
      5000

SQL>

```

Question: 15

```

SQL> select max(sal) from emp group by deptno having min(sal)<5000 and min(sal)>1000;

  MAX(SAL)
-----
      5000

SQL> \

```