ORACLE® Application Express   Welcome BROWNCH (Logout)

Home	Application Builder	SQL Workshop	Team Development	Administration

Home 〉 SQL Workshop 〉 SQL Scripts 〉 **Results**   Help

Script: **Assignment 3.1**   Status: **Complete**   Edit Script
View: ● Detail ○ Summary   Show: ☑ Statement ☑ Results ☑ Feedback   Go

```
SELECT ename, dept.deptno, dname
    FROM emp, dept
    WHERE emp.deptno = dept.deptno
```

ENAME	DEPTNO	DNAME
KING	10	ACCOUNTING
CLARK	10	ACCOUNTING
MILLER	10	ACCOUNTING
ADAMS	20	RESEARCH
SCOTT	20	RESEARCH
SMITH	20	RESEARCH
FORD	20	RESEARCH
JONES	20	RESEARCH
WARD	30	SALES
JAMES	30	SALES
ALLEN	30	SALES
MARTIN	30	SALES
BLAKE	30	SALES
TURNER	30	SALES

14 rows selected. 0.01 seconds

```
SELECT DISTINCT job, loc
    FROM emp, dept
    WHERE emp.deptno = dept.deptno
    AND emp.deptno = 20
```

JOB	LOC
CLERK	DALLAS
ANALYST	DALLAS
MANAGER	DALLAS

3 rows selected. 0.01 seconds

```
SELECT ename, dname, loc
    FROM emp, dept
    WHERE emp.deptno = dept.deptno
    AND comm IS NOT NULL
```

ENAME	DNAME	LOC
MARTIN	SALES	CHICAGO
WARD	SALES	CHICAGO
TURNER	SALES	CHICAGO
ALLEN	SALES	CHICAGO

4 rows selected. 0.00 seconds

```
SELECT ename, dname
    FROM emp, dept
    WHERE emp.deptno = dept.deptno
    AND ename LIKE '%K%'
```

ENAME	DNAME
KING	ACCOUNTING
BLAKE	SALES
CLARK	ACCOUNTING

3 rows selected. 0.01 seconds

```
SELECT ename, job, dept.deptno, dname
    FROM emp , dept
    WHERE emp.deptno = dept.deptno
```

```
    AND dept.loc = 'DALLAS'
```

ENAME	JOB	DEPTNO	DNAME
ADAMS	CLERK	20	RESEARCH
SCOTT	ANALYST	20	RESEARCH
SMITH	CLERK	20	RESEARCH
FORD	ANALYST	20	RESEARCH
JONES	MANAGER	20	RESEARCH

5 rows selected. 0.00 seconds

```
SELECT e.ename "Employee", e.empno "Emp#", m.ename "Manager", m.empno "Mgr#"
    FROM emp e, emp m
    WHERE e.mgr = m.empno
```

Employee	Emp#	Manager	Mgr#
SCOTT	7788	JONES	7566
FORD	7902	JONES	7566
JAMES	7900	BLAKE	7698
WARD	7521	BLAKE	7698
TURNER	7844	BLAKE	7698
ALLEN	7499	BLAKE	7698
MARTIN	7654	BLAKE	7698
MILLER	7934	CLARK	7782
ADAMS	7876	SCOTT	7788
BLAKE	7698	KING	7839
CLARK	7782	KING	7839
JONES	7566	KING	7839
SMITH	7369	FORD	7902

13 rows selected. 0.01 seconds

```
SELECT e.ename "Employee", e.empno "Emp#", m.ename "Manager", m.empno "Mgr#"
    FROM emp e, emp m
    WHERE e.mgr = m.empno(+)
```

Employee	Emp#	Manager	Mgr#
JONES	7566	KING	7839
CLARK	7782	KING	7839
BLAKE	7698	KING	7839
WARD	7521	BLAKE	7698
JAMES	7900	BLAKE	7698
TURNER	7844	BLAKE	7698
ALLEN	7499	BLAKE	7698
MARTIN	7654	BLAKE	7698
MILLER	7934	CLARK	7782
SCOTT	7788	JONES	7566
FORD	7902	JONES	7566
SMITH	7369	FORD	7902
ADAMS	7876	SCOTT	7788
KING	7839	-	-

14 rows selected. 0.01 seconds

```
SELECT e.deptno department, e.ename employee, c.ename colleague
    FROM  emp e, emp c
    WHERE  e.deptno = c.deptno
    AND   e.empno <> c.empno
    ORDER BY e.deptno, e.ename, c.ename
```

DEPARTMENT	EMPLOYEE	COLLEAGUE
10	CLARK	KING
10	CLARK	MILLER
10	KING	CLARK
10	KING	MILLER
10	MILLER	CLARK
10	MILLER	KING
20	ADAMS	FORD

20	ADAMS	JONES
20	ADAMS	SCOTT
20	ADAMS	SMITH
20	FORD	ADAMS
20	FORD	JONES
20	FORD	SCOTT
20	FORD	SMITH
20	JONES	ADAMS
20	JONES	FORD
20	JONES	SCOTT
20	JONES	SMITH
20	SCOTT	ADAMS
20	SCOTT	FORD
20	SCOTT	JONES
20	SCOTT	SMITH
20	SMITH	ADAMS
20	SMITH	FORD
20	SMITH	JONES
20	SMITH	SCOTT
30	ALLEN	BLAKE
30	ALLEN	JAMES
30	ALLEN	MARTIN
30	ALLEN	TURNER
30	ALLEN	WARD
30	BLAKE	ALLEN
30	BLAKE	JAMES
30	BLAKE	MARTIN
30	BLAKE	TURNER
30	BLAKE	WARD
30	JAMES	ALLEN
30	JAMES	BLAKE
30	JAMES	MARTIN
30	JAMES	TURNER
30	JAMES	WARD
30	MARTIN	ALLEN
30	MARTIN	BLAKE
30	MARTIN	JAMES
30	MARTIN	TURNER
30	MARTIN	WARD
30	TURNER	ALLEN
30	TURNER	BLAKE
30	TURNER	JAMES
30	TURNER	MARTIN
30	TURNER	WARD
30	WARD	ALLEN
30	WARD	BLAKE
30	WARD	JAMES
30	WARD	MARTIN
30	WARD	TURNER

56 rows selected. 0.02 seconds

```
SELECT emp.ename, emp.hiredate
    FROM emp, emp SMITH
    WHERE SMITH.ename = 'SMITH' and SMITH.hiredate < emp.hiredate
```

ENAME	HIREDATE
KING	11/17/1981
BLAKE	05/01/1981
CLARK	06/09/1981
JONES	04/02/1981
MARTIN	09/28/1981
ALLEN	02/20/1981

TURNER	09/08/1981
JAMES	12/03/1981
WARD	02/22/1981
FORD	12/03/1981
SCOTT	12/09/1982
ADAMS	01/12/1983
MILLER	01/23/1982

13 rows selected. 0.01 seconds

```
SELECT e.ename "Employee", e.hiredate "Emp Hiredate", m.ename "Manager", m.hiredate "Mgr Hiredate"
    FROM emp e, emp m
    WHERE e.mgr = m.empno
    AND e.hiredate < m.hiredate
```

Employee	Emp Hiredate	Manager	Mgr Hiredate
WARD	02/22/1981	BLAKE	05/01/1981
ALLEN	02/20/1981	BLAKE	05/01/1981
BLAKE	05/01/1981	KING	11/17/1981
CLARK	06/09/1981	KING	11/17/1981
JONES	04/02/1981	KING	11/17/1981
SMITH	12/17/1980	FORD	12/03/1981

6 rows selected. 0.00 seconds

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Run By	BROWNCH
Parsing Schema	BROWNCH
Script Started	Sunday, April 4, 2021 6 seconds ago
Elapsed time	0.23 seconds
Statements Processed	10
Successful	10
With Errors	0

Application Express 4.0.2.00.09