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■ FERILION LABS

```
SQL> CL SCR
```

```
SQL> DESC DEPT;
```

Name	Null?	Type
-----	-----	-----
--		
DEPTNO	NOT NULL	NUMBER(2)
DNAME		VARCHAR2(14)
LOC		VARCHAR2(13)

```
SQL> SELECT --An SQL Statement For Data Retrieval
```

```
2 * --Projection Operator Which Identifies All The Columns In The  
Table For Data Retrieval
```

```
3 FROM --Clause That Identifies The Data Source OR Data Sources  
From Which The Data Has To Be Retrieved
```

```
4 DEPT --The Name Of The Physical OR Logical Data Source Name  
From Which We Need To Retrieve The Data
```

```
5 /
```

DEPTNO	DNAME	LOC
-----	-----	-----
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

```
SQL> DESC SalGrade;
```

Name	Null?	Type
------	-------	------



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```
-----
--
GRADE                                NUMBER
LOSAL                                NUMBER
HISAL                                NUMBER
```

SQL> SELECT * FROM SALGRADE;

GRADE	LOSAL	HISAL
1	700	1200
2	1201	1400
3	1401	2000
4	2001	3000
5	3001	9999

SQL> DESC EMP;

Name	Null?	Type
EMPNO	NOT NULL	NUMBER (4)
ENAME VARCHAR2 (10)		
JOB		VARCHAR2 (9)
MGR		NUMBER (4)
HIREDATE		DATE
SAL NUMBER (7,2)		



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COMM
NUMBER (7,2)
DEPTNO

NUMBER (2)

SQL> SELECT * FROM EMP;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	17-DEC-80	800		20
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7566	JONES	MANAGER	7839	02-APR-81	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7788	SCOTT	ANALYST	7566	19-APR-87	3000		20
7839	KING	PRESIDENT		17-NOV-81	5000		10
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7876	ADAMS	CLERK	7788	23-MAY-87	1100		20

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7934	MILLER	CLERK	7782	23-JAN-82	1300		10

14 rows selected.

SQL> SELECT DEPTNO, LOC
2 FROM DEPT;



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```
DEPTNO      LOC
-----
10          NEW YORK
20          DALLAS
30          CHICAGO
40          BOSTON
```

```
SQL> SELECT LOC, DNAME
```

```
2 FROM DEPT;
```

```
LOC          DNAME
-----
NEW YORK     ACCOUNTING
DALLAS       RESEARCH
CHICAGO      SALES
BOSTON       OPERATIONS
```

```
SQL> SELECT DEPTNO, DNAME
```

```
2 FROM DEPT;
```

```
DEPTNO      DNAME
-----
10          ACCOUNTING
20          RESEARCH
30          SALES
40          OPERATIONS
```

```
SQL> SELECT EMPNO, ENAME
```



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2 FROM EMP;

EMPNO ENAME

7369 SMITH

7499 ALLEN

7521 WARD

7566 JONES

7654 MARTIN

7698 BLAKE

7782 CLARK

7788 SCOTT

7839 KING

7844 TURNER

7876 ADAMS

EMPNO ENAME

7900 JAMES

7902 FORD

7934 MILLER

14 rows selected.

SQL> SELECT ENAME, DEPTNO, JOB

2 FROM EMP;



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

ENAME	DEPTNO	JOB
JAMES	30	CLERK
FORD	20	ANALYST
MILLER	10	CLERK

14 rows selected.

```
SQL> SELECT ENAME, HIREDATE, SAL  
2 FROM EMP;
```

ENAME	HIREDATE	SAL
SMITH	17-DEC-80	800



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ALLEN	20-FEB-81	1600
WARD	22-FEB-81	1250
JONES	02-APR-81	2975
MARTIN	28-SEP-81	1250
BLAKE	01-MAY-81	2850
CLARK	09-JUN-81	2450
SCOTT	19-APR-87	3000
KING	17-NOV-81	5000
TURNER	08-SEP-81	1500
ADAMS	23-MAY-87	1100

ENAME	HIREDATE	SAL
JAMES	03-DEC-81	950
FORD	03-DEC-81	3000
MILLER	23-JAN-82	1300

14 rows selected.

SQL> SELECT ENAME, SAL, COMM, JOB

2 FROM EMP;

ENAME	SAL	COMM	JOB
SMITH	800		CLERK
ALLEN	1600	300	SALESMAN
WARD	1250	500	SALESMAN
JONES	2975		MANAGER



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MARTIN	1250	1400	SALESMAN
BLAKE	2850		MANAGER
CLARK	2450		MANAGER
SCOTT	3000		ANALYST
KING	5000		PRESIDENT
TURNER	1500	0	SALESMAN
ADAMS	1100		CLERK

ENAME	SAL	COMM	JOB

JAMES	950		CLERK
FORD	3000		ANALYST
MILLER	1300		CLERK

14 rows selected.

```
SQL> SELECT ENAME, DEPTNO, JOB, HIREDATE
      2 FROM EMP;
```

ENAME	DEPTNO	JOB	HIREDATE

SMITH	20	CLERK	17-DEC-80
ALLEN	30	SALESMAN	20-FEB-81
WARD	30	SALESMAN	22-FEB-81
JONES	20	MANAGER	02-APR-81
MARTIN	30	SALESMAN	28-SEP-81
BLAKE	30	MANAGER	01-MAY-81



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CLARK	10	MANAGER	09-JUN-81
SCOTT	20	ANALYST	19-APR-87
KING	10	PRESIDENT	17-NOV-81
TURNER	30	SALESMAN	08-SEP-81
ADAMS	20	CLERK	23-MAY-87

ENAME	DEPTNO	JOB	HIREDATE
-----	-----	-----	-----
JAMES	30	CLERK	03-DEC-81
FORD	20	ANALYST	03-DEC-81
MILLER	10	CLERK	23-JAN-82

14 rows selected.

SQL> SPOOL OFF



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