

Practice 2

- ✓ 1. Create a query to display the name and salary of employees earning more than \$2850. Save your SQL statement to a file named *p2q1.sql*. Run your query.

ENAME	SAL
-----	-----
KING	5000
JONES	2975
FORD	3000
SCOTT	3000

2. Create a query to display the employee name and department number for employee number 7566.

ENAME	DEPTNO
-----	-----
JONES	20

- * ✓ 3. Modify *p2q1.sql* to display the name and salary for all employees whose salary is not in the range of \$1500 and \$2850. Resave your SQL statement to a file named *p2q3.sql*. Rerun your query.

ENAME	SAL
-----	-----
KING	5000
JONES	2975
MARTIN	1250
JAMES	950
WARD	1250
FORD	3000
SMITH	800
SCOTT	3000
ADAMS	1100
MILLER	1300
10 rows selected.	

Practice 2 (continued)

4. Display the employee name, job and start date of employees hired between February 20, 1981 and May 1, 1981. Order the query in ascending order of start date.

ENAME	JOB	HIREDATE
-----	-----	-----
ALLEN	SALESMAN	20-FEB-81
WARD	SALESMAN	22-FEB-81
JONES	MANAGER	02-APR-81
BLAKE	MANAGER	01-MAY-81

5. Display the employee name and department number of all employees in departments 10 and 30 in alphabetical order by name.

ENAME	DEPTNO
-----	-----
KING	10
BLAKE	30
CLARK	10
MARTIN	30
ALLEN	30
TURNER	30
JAMES	30
WARD	30
MILLER	10
9 rows selected.	

6. Modify *p2q3.sql* to list the name and salary of employees who earn more than \$1500 and are in department 10 or 30. Label the columns Employee and Monthly Salary, respectively. Resave your SQL statement to a file named *p2q6.sql*. Rerun your query.

Employee	Monthly Salary
-----	-----
KING	5000
BLAKE	2850
CLARK	2450
ALLEN	1600

Practice 2 (continued)

7. Display the name and hire date of every employee who was hired in 1982.

ENAME	HIREDATE
SCOTT	09-DEC-82
MILLER	23-JAN-82

8. Display the name and ^{Job}title of all employees who do not have a manager.

ENAME	JOB
KING	PRESIDENT

9. Display the name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions.

ENAME	SAL	COMM
ALLEN	1600	300
TURNER	1500	0
MARTIN	1250	1400
WARD	1250	500

If you have time, complete the following exercises:

10. Display the names of all employees where the third letter of their name is an A.

ENAME
BLAKE
CLARK
ADAMS

11. Display the name of all employees that have two Ls in their name and are in department 30 or their manager is 7782.

ENAME
ALLEN
MILLER

Practice 2 (continued)

If you want extra challenge, complete the following exercises:

- ✓ 12. Display the name, job, and salary for all employees whose job is Clerk or Analyst and their salary is not equal to \$1000, \$3000, or \$5000.

ENAME	JOB	SAL
-----	-----	-----
JAMES	CLERK	950
SMITH	CLERK	800
ADAMS	CLERK	1100
MILLER	CLERK	1300

- ✓ 13. Modify *p2q6.sql* to display the name, salary, and commission for all employees whose commission amount is greater than their salary increased by 10%. Rerun your query. Resave your query as *p2q13.sql*.

ENAME	SAL	COMM
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MARTIN	1250	1400